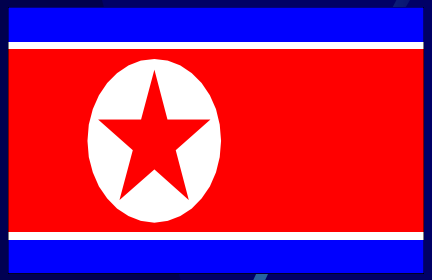
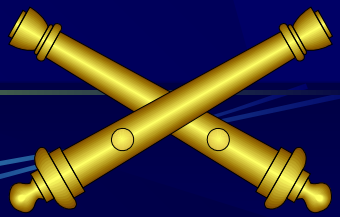


The Threat

INSTRUCTOR CPT REINHARD

COMBAT LEADER TEAM



PURPOSE

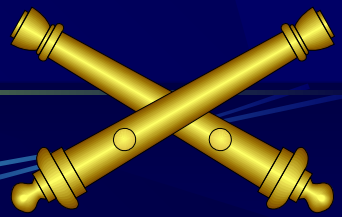
To provide students with a brief overview on the threats opposing the United States and the Army today

REFERENCES

- FM 100-2-1 Soviet Army: Operations and Tactics
- FM 100-2-3 Soviet Army: Operations and Equipment
- FM 100-63 OPFOR: Infantry Based Opposing Forces
- US Army Publications Armies of the World; How They Fight (IRAQ and BALKANS)
- Janes Defense Manuals and Publications

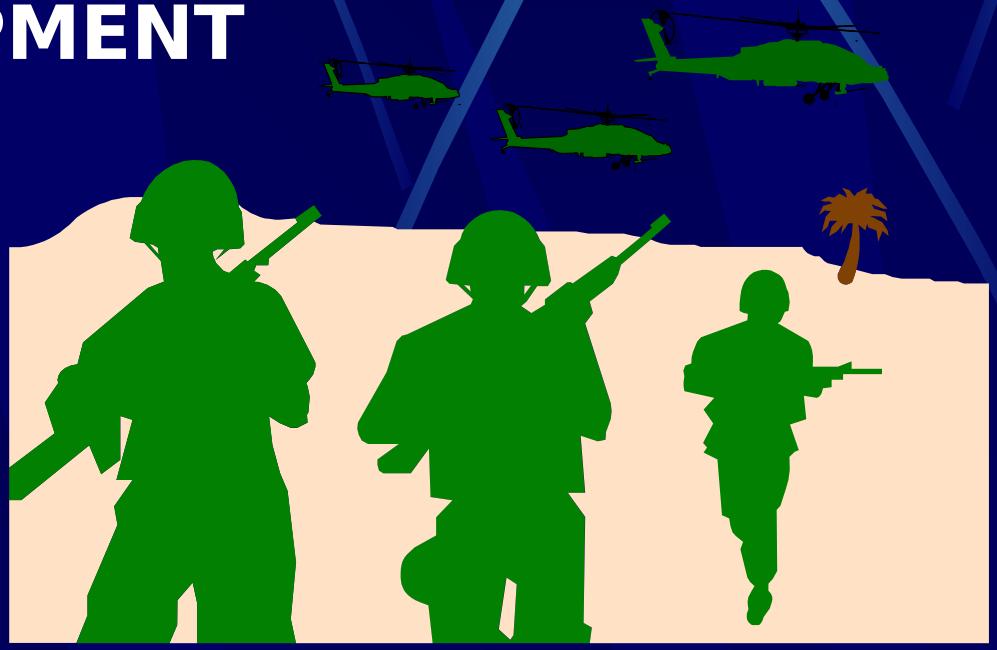
OUTLINE

- NEW REALITY
- THREAT CATEGORIES
- THREAT CONVENTIONAL ORGANIZATION
- SUMMARY
- QUESTIONS
- CONCLUSION



THE NEW REALITY

- THE COLD WAR IS OVER
- U.S. NOW FACES MULTIPLE THREATS
- SOVIET \ WESTERN DOCTRINE AND EQUIPMENT



THE NEW REALITY (cont.)

- U.S. FORCES WILL BE SMALLER
- U.S. NOT FOCUSED ON A SINGLE DOMINANT THREAT
- MAY FACE POWERFUL REGIONAL THREAT

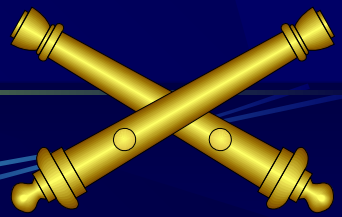
THE NEW REALITY (cont.)

- TERRORISM AND DRUG TRAFFICKING
- MORE STABILITY AND SUPPORT OPERATIONS INCREASES CHALLENGES FACED BY CONVENTIONAL FORCES

THE NEW REALITY

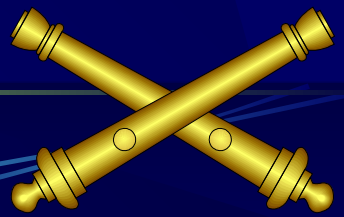
QUESTIONS?

- What type of doctrine and equipment will US forces face?
- Name two components of the New Reality?

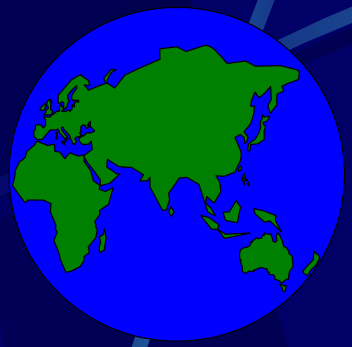


THREAT CATEGORIES

- PROVIDE A METHOD TO DESCRIBE AND UNDERSTAND THE NEW THREATS
- IDENTIFY THREATS THE U.S. ARMY MAY FACE
- DOES NOT PROVIDE A SOLUTION FOR ALL CASES
- DOES NOT INCLUDE STRATEGIC CONCEPTS



CATEGORIES OF THREAT

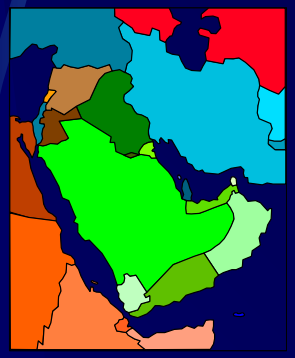


GLOBAL THREAT

NATIONAL THREAT

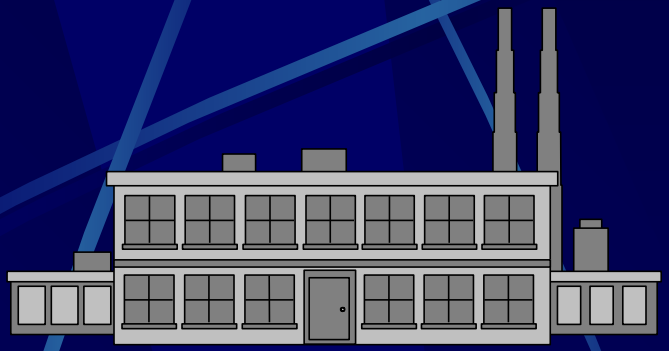
INSTABILITY

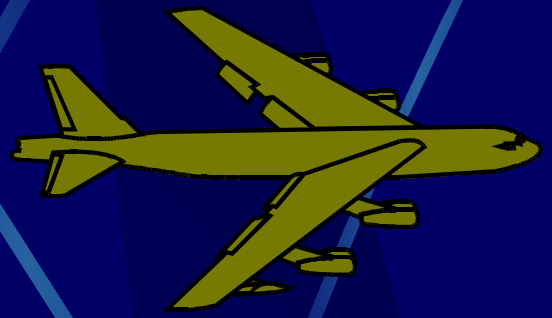
REGIONAL THREAT



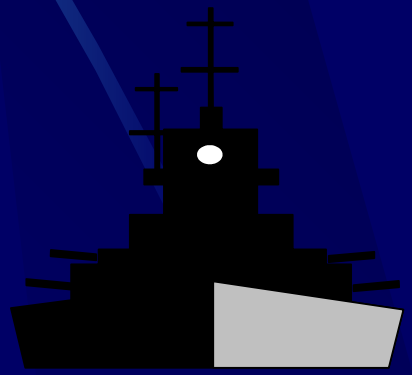
SPECIAL SITUATIONS

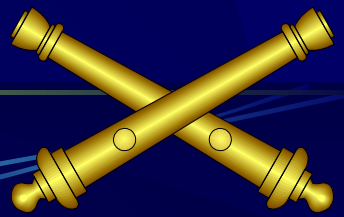
Threats may be in multiple categories



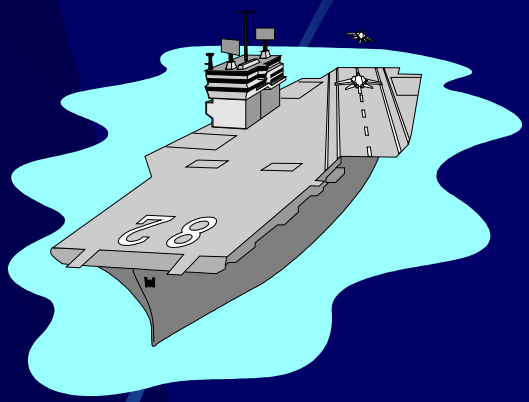


THE GLOBAL THREAT

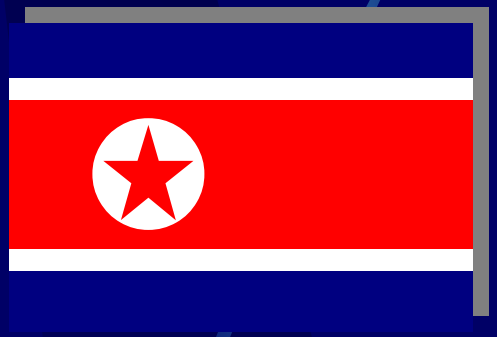




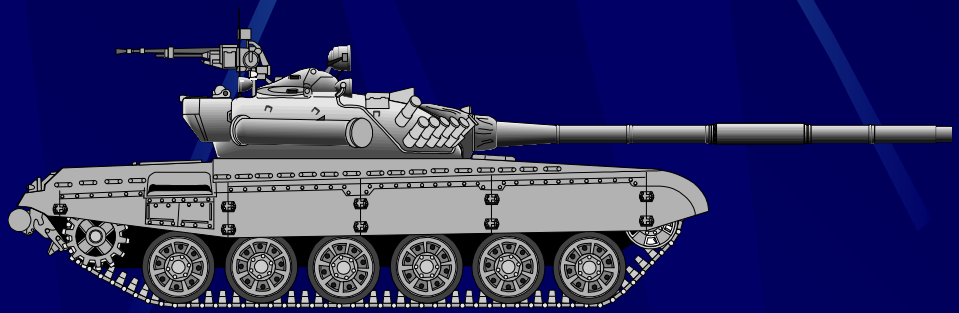
GLOBAL THREAT CHARACTERISTICS



- CAPABLE OF PROJECTING POWER TO ACHIEVE INTERNATIONAL OBJECTIVES
- LARGE MILITARY-INDUSTRIAL COMPLEX
- “HOME-GROWN” DOCTRINE AND EQUIPMENT
- STRATEGICALLY NUCLEAR CAPABLE
- THE FORMER SOVIET UNION



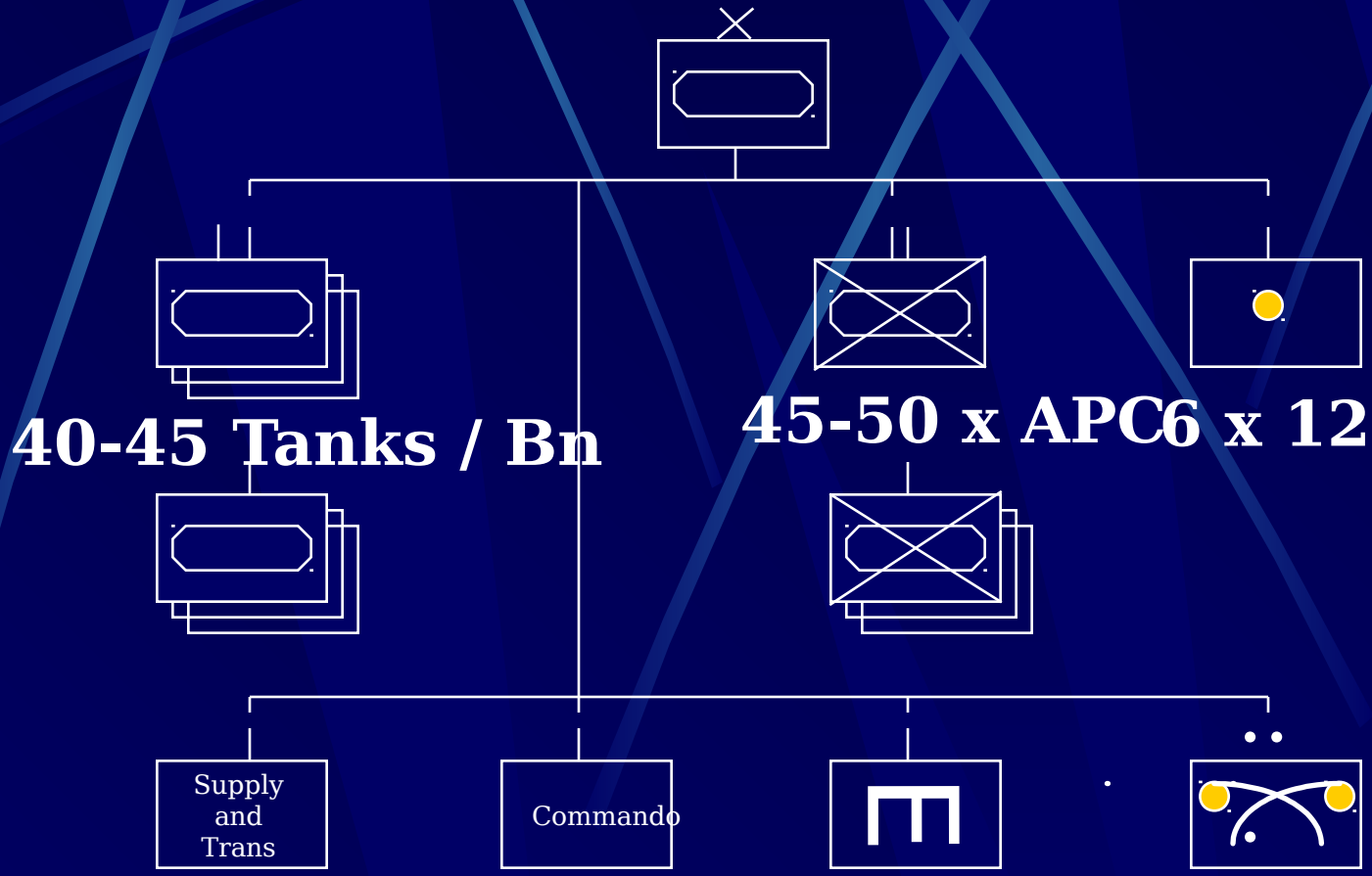
THE REGIONAL THREAT



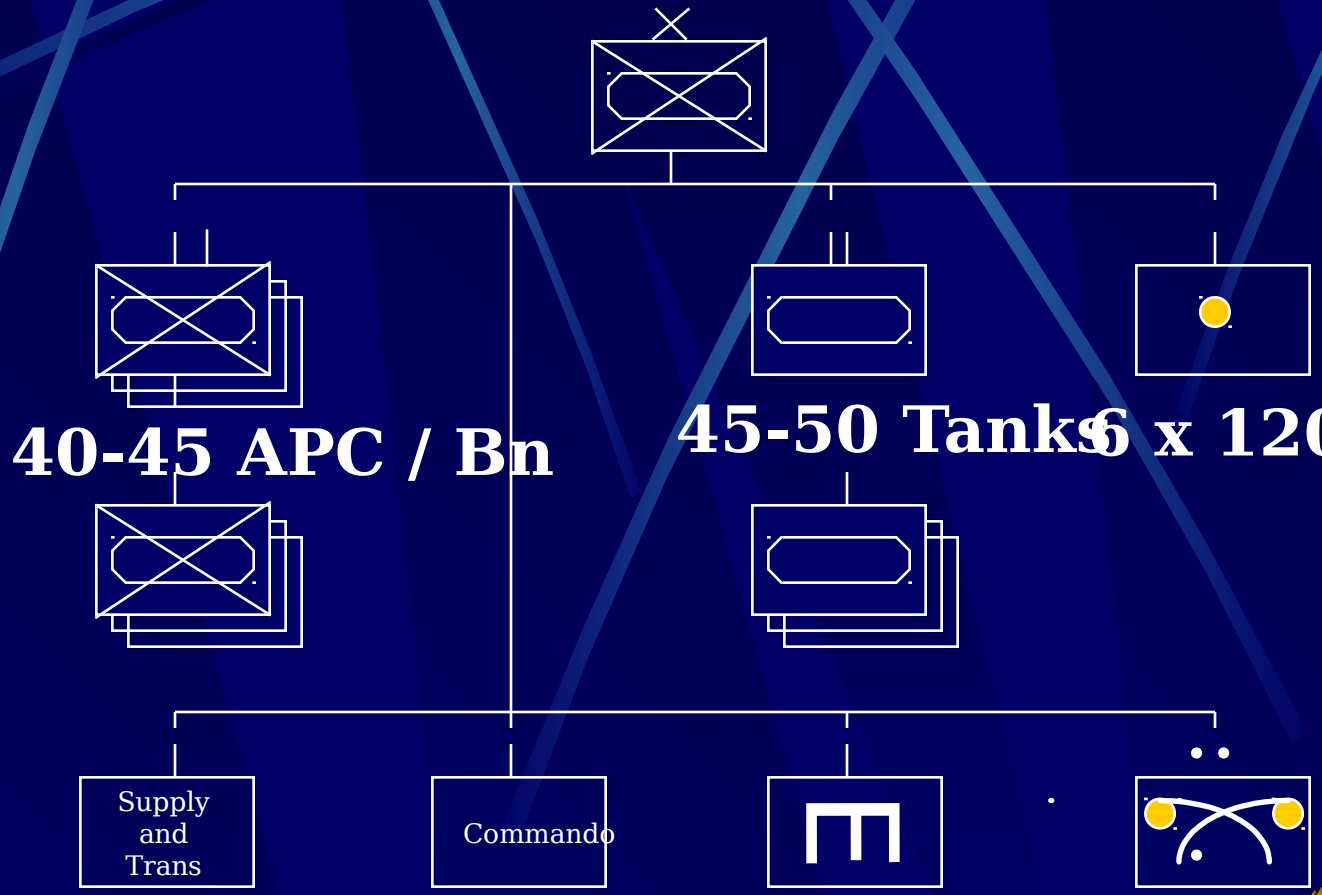
REGIONAL THREAT CHARACTERISTICS

- MAY HAVE NBC CAPABILITIES
- HAVE BASIC LOGISTICAL SYSTEM
- INCORPORATE DOCTRINE AND EQUIPMENT OF LARGER POWER(S)
- HAVE HEAVY AS WELL AS LIGHT FORCES
- CANNOT PROJECT FORCES LONG DISTANCES
- HAVE LIMITED AIRCRAFT ASSETS
- USE SOME HIGH TECH WEAPONS

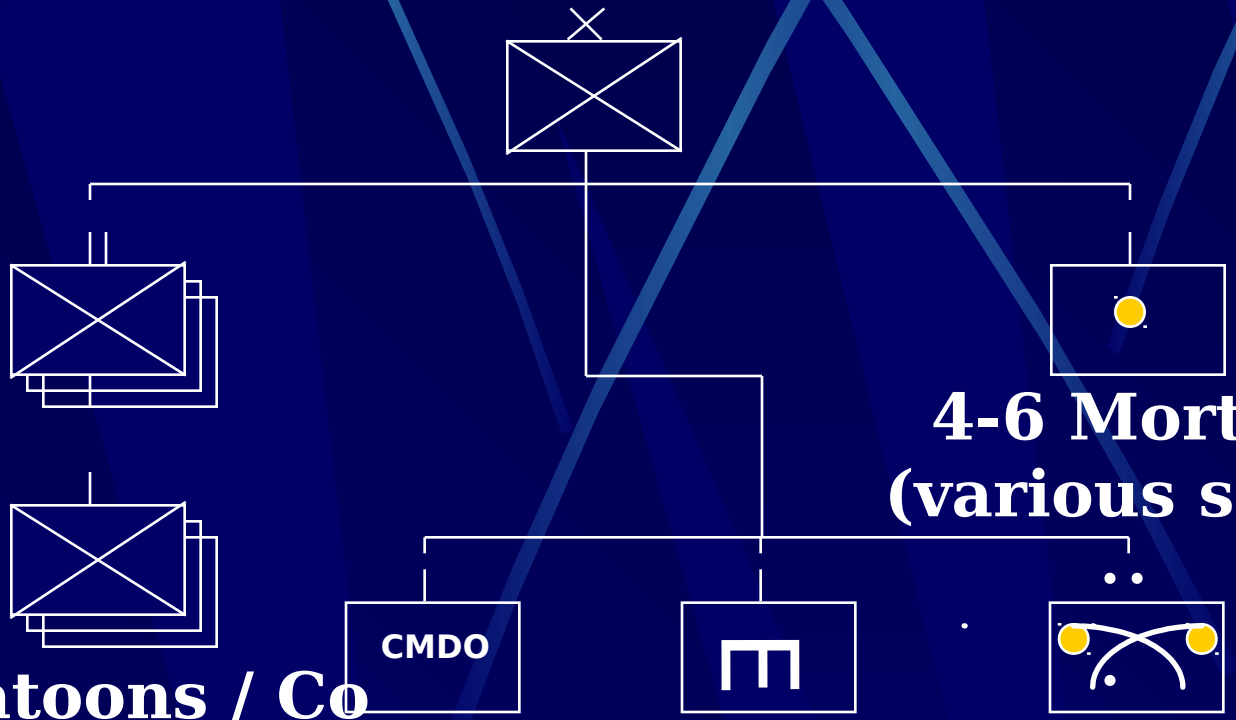
ARMORED BRIGADE



MECHANIZED INFANTRY BRIGADE



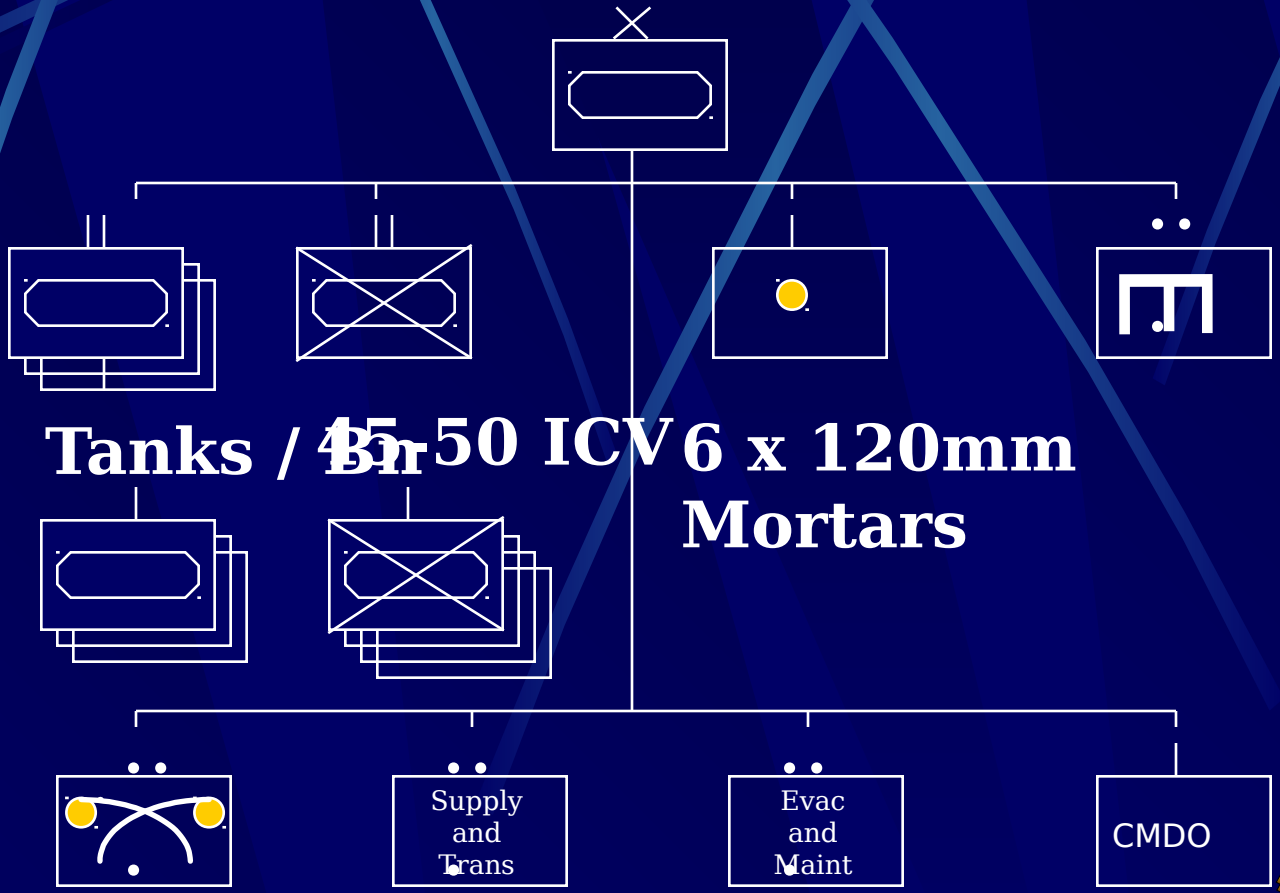
INFANTRY BRIGADE



4-6 Mortars (various sizes)

3 Platoons / Co
3 sqd / platoon
10 men / squad

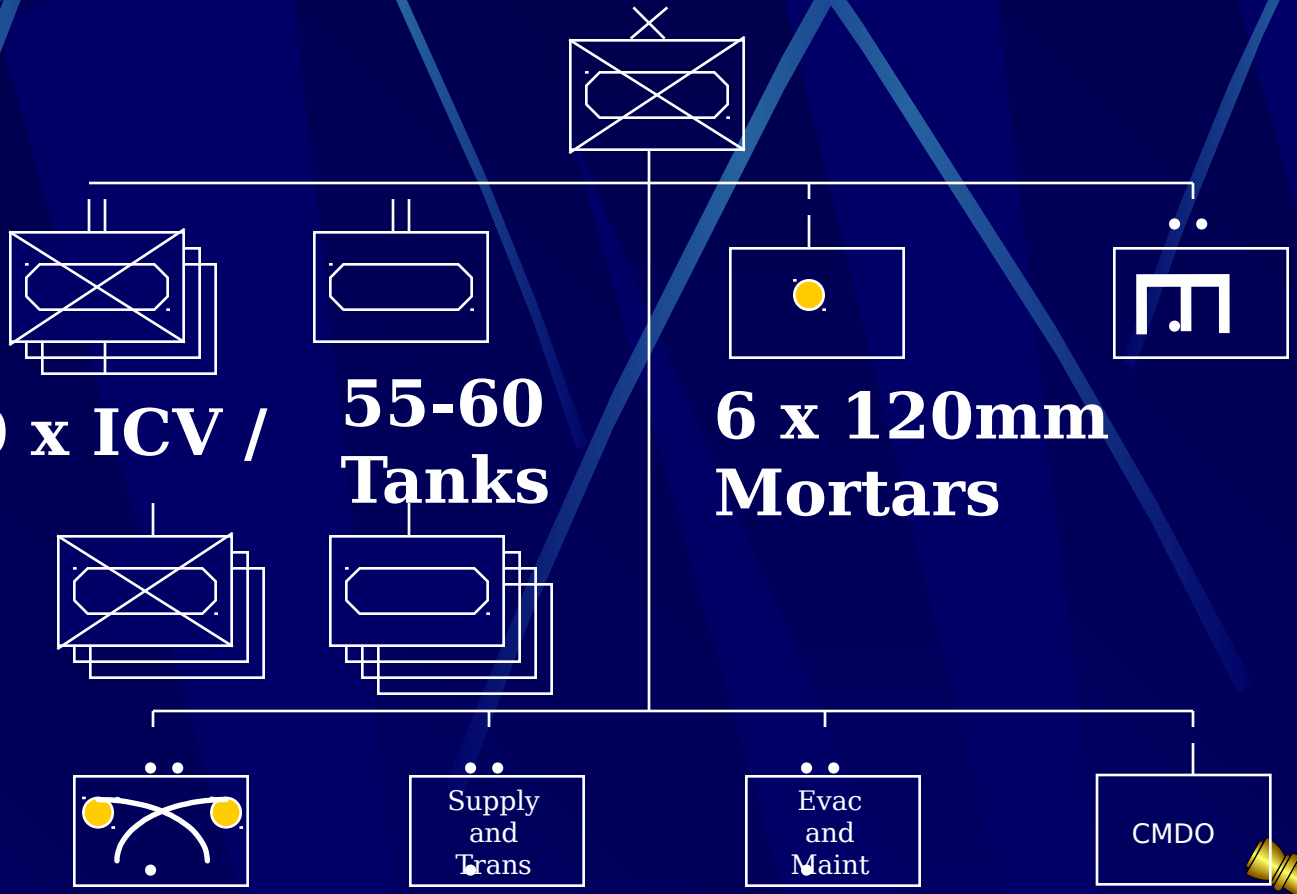
ARMORED BRIGADE (RGFC)



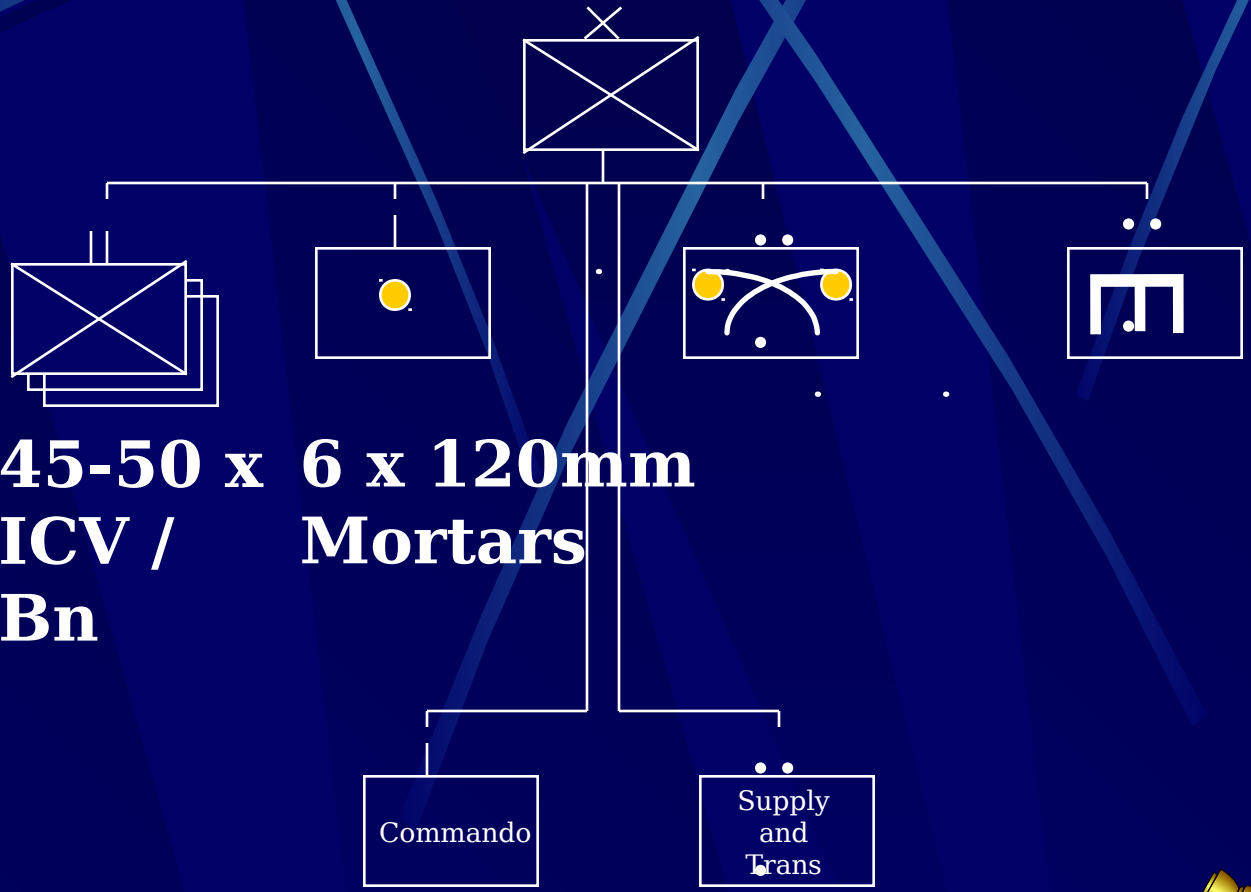
55-60 Tanks / 45-50 ICV

3 x 120mm Mortars

MECHANIZED INFANTRY BRIGADE (RGFC)



INFANTRY BRIGADE (RGFC)



45-50 x ICV / Bn

6 x 120mm Mortars

SMALL ARMS

AK-47

AKSU (AKM)

RPK

AK-74

RPK-74

ARMOR

T-62

T-54/55

T-72

ARMOR
(Continued)

Chieftain (UK)

Type 59-II (PRC)

Type 69-II (PRC)

ARMORED FIGHTING VEHICLES

(Infantry Combat Vehicles & Armored Personnel Carriers)

BMP-1

BMP-2

Alvis Saracen (UK)

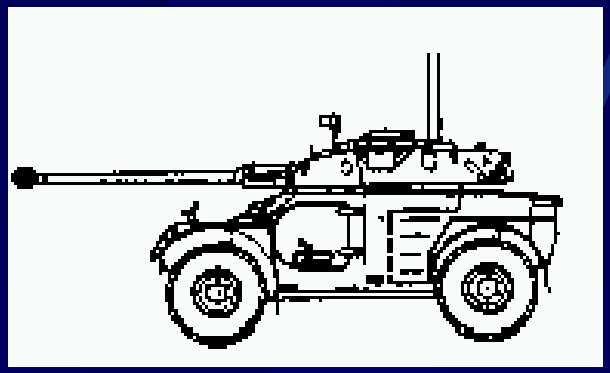
BTR-50

ARMORED FIGHTING VEHICLES

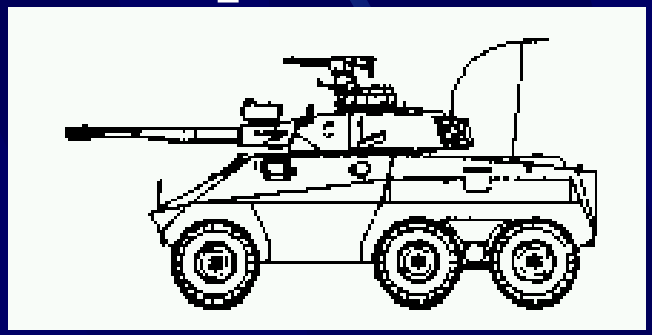
(Reconnaissance Vehicles)

BRDM-2

Scorpion (UK)



Panhard AML (FR)



CASCAVEL (BR)

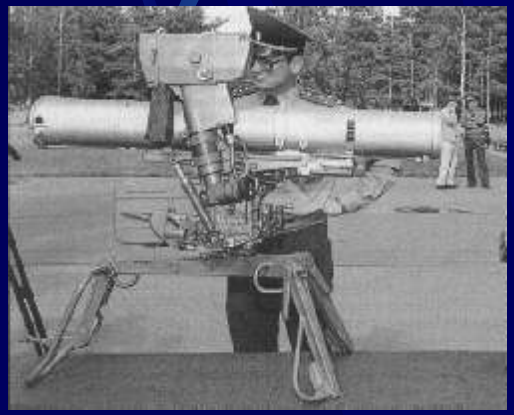
ANTITANK WEAPONS

RPG-7V

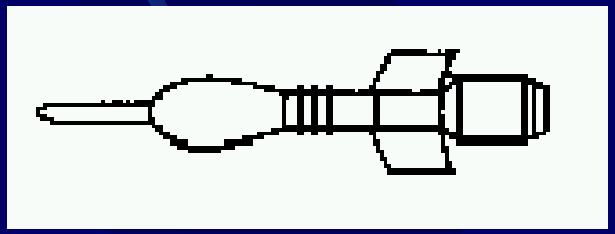
AT-3/SAGGER

AT-5/SPANDEL

AT-2/SWATTER

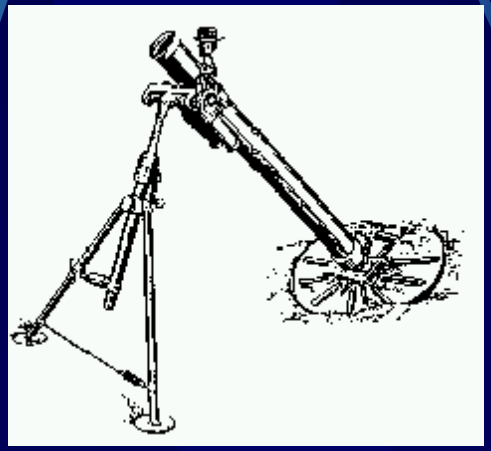


AT-4/SPIGOT



MILAN (FR)

MORTARS

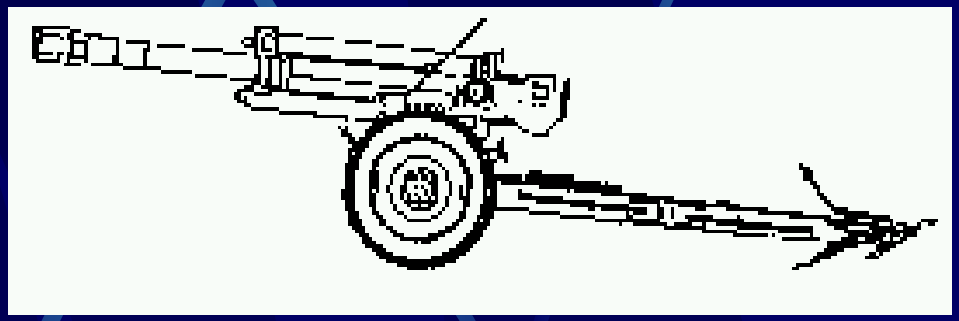


82-MM MORTAR M1937/41

120-MM MORTAR M1943

ARTILLERY
(towed)

122-MM HOW D-30



152-MM HOW D-1 (M1943)

130-MM GUN M-46

ARTILLERY

(Self-Propelled)

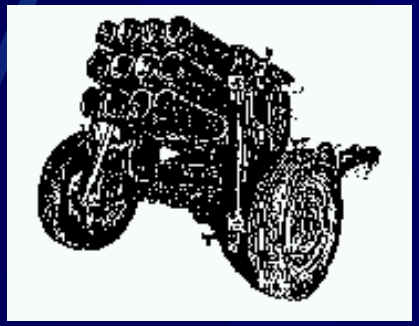
122-MM HOW (SP) 2S1

152-MM HOW (SP) 2S3

MULTIPLE ROCKET LAUNCHERS

132-MM MRL BM-13/16

122-MM MRL BM-21



107-MM MRL TYPE 63 (PRC)

SURFACE TO SURFACE MISSILES

- SS-1C/SCUD B
  RANGE: UP TO 300 KM
- AL-HUSSEIN (IMPROVED SCUD B) RANGE: 550-650 KM
- AL-ABAS (IMPROVED SCUD B) RANGE: 800-900 KM

AIR DEFENSE

(Antiaircraft Guns)

23-MM ZSU-23-4

30-MM M-53/59

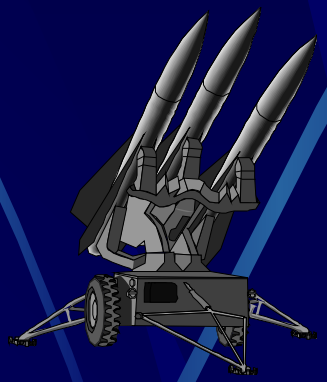
37-MM M1939

57-MM ZSU-57/2

AIR DEFENSE

(Surface-to-Air Missiles)

SA-6/GAINFUL



I HAWK (USA)

SA-7/GRAIL

SA-9/GASKIN

ROLAND I/II (FR)

SA-8/GECKO

HELICOPTERS

MI-24/HIND

HELICOPTERS

MI-8T/HIP

HELICOPTERS (Continued)

GAZELLE (FR)

ALOUETTE (FR)

BO-105 (GE)

FIXED WING AIRCRAFT

MIG-23 FLOGGER

MIG-21 FISHBED

FIXED WING AIRCRAFT

(Continued)

SU-25 FROGFOOT

SU-17 FITTER

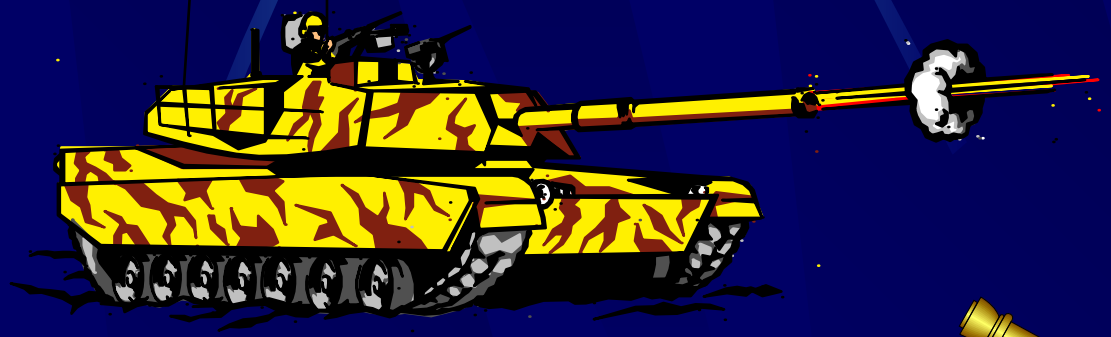
THREAT OFFENSIVE TACTICS AND OPERATIONS

PRINCIPLES OF THE OFFENSE

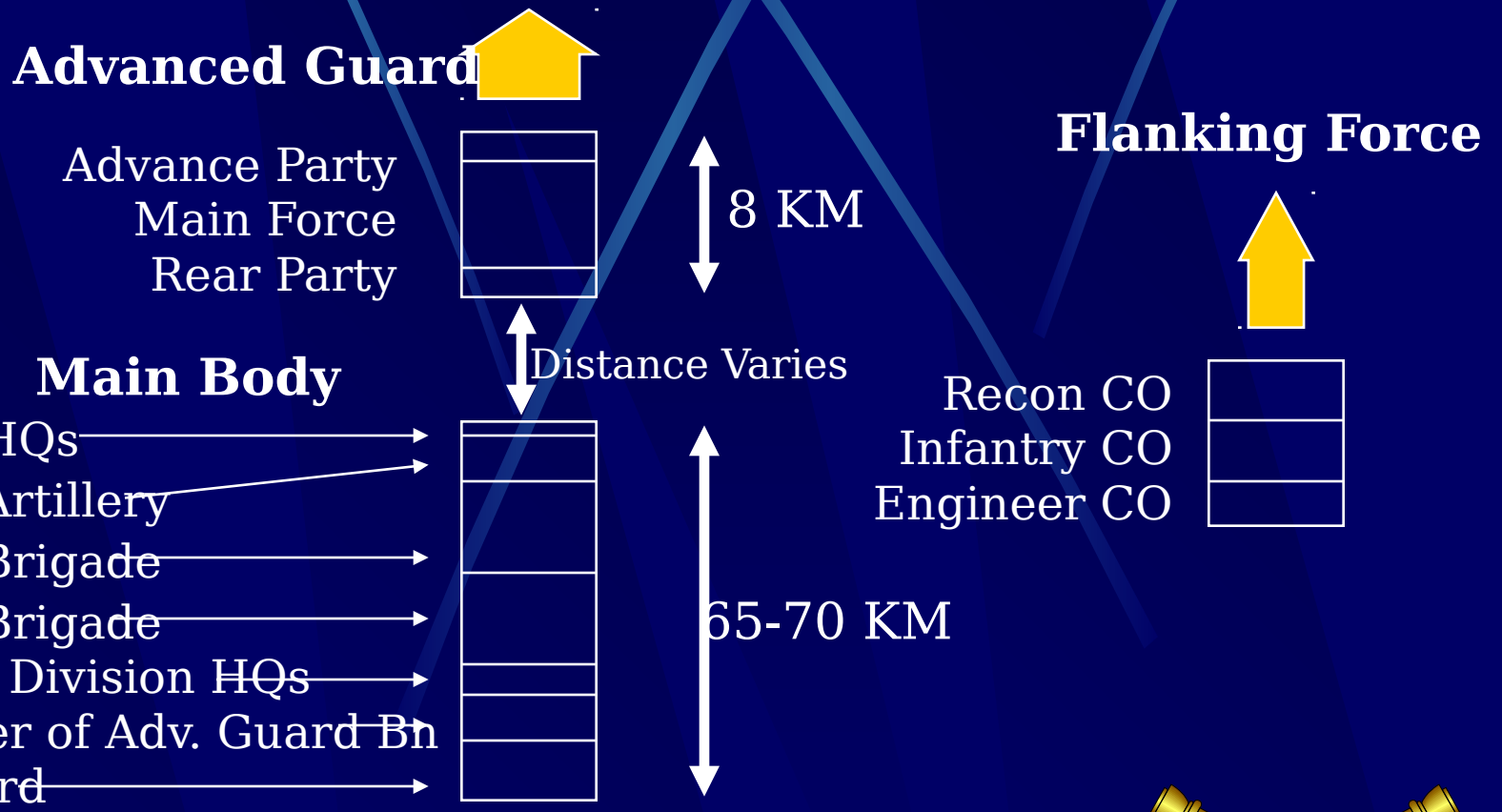
- Gather and use intelligence
- Use surprise
- Move swiftly
- Maintain forward momentum
- Establish reserves at all levels
- Concentrate fire power
- Coordinate command and control
- Sustain logistical support

TYPES OF OFFENSIVE ACTIONS

- Attack against a defending enemy
  -Attack from the march
  -Attack from a position in contact
- Meeting battle/engagement
- Pursuit



DIVISION MARCH FORMATION

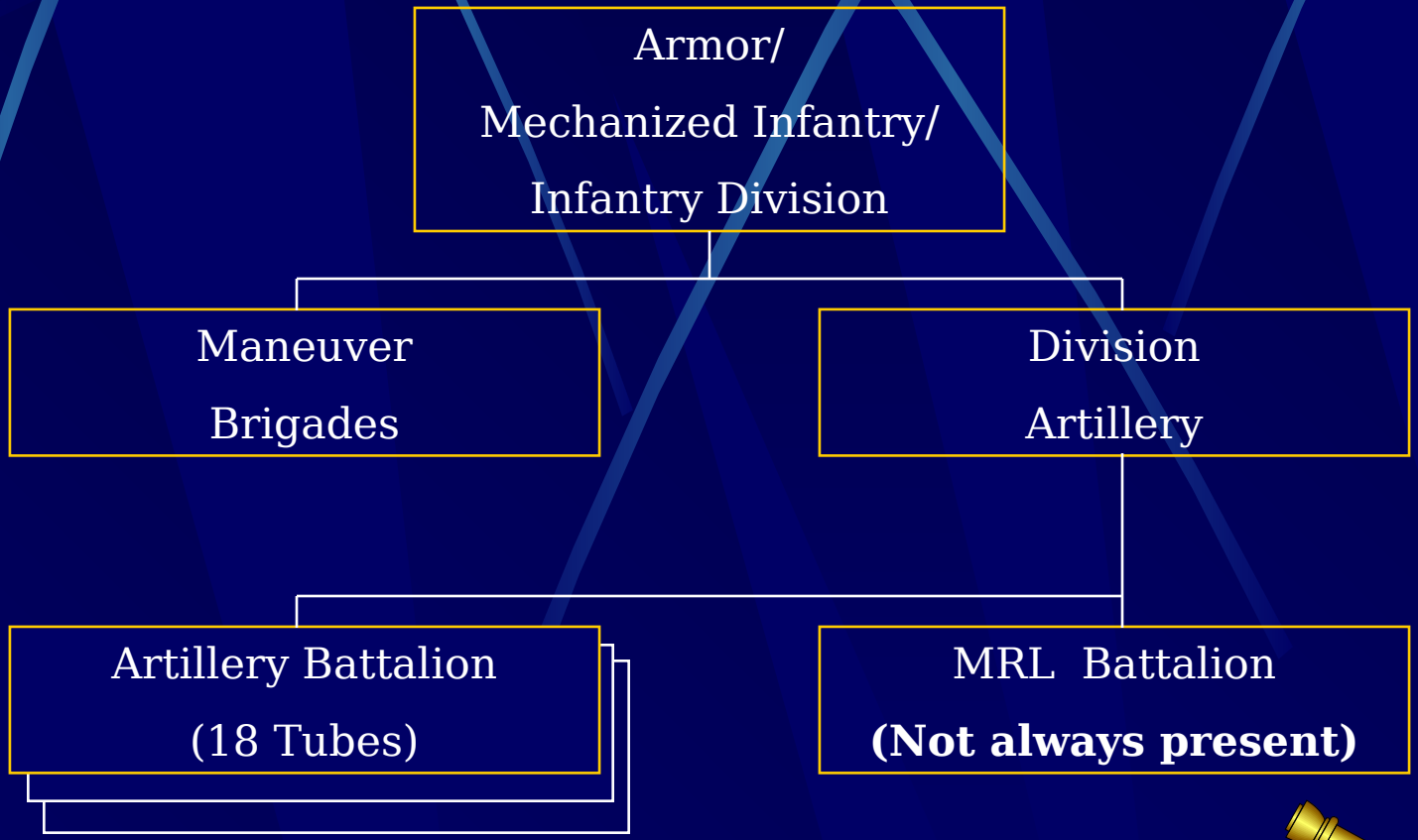


UTILIZATION OF ARTILLERY ASSETS

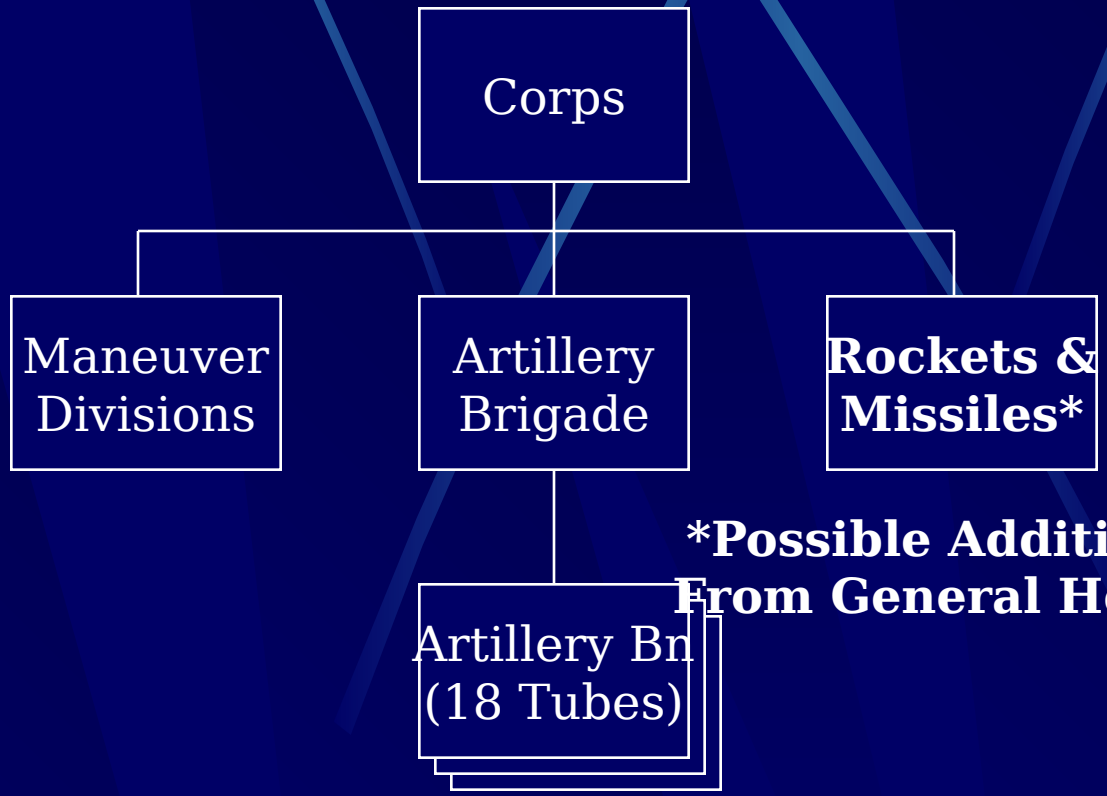
- Preparation for the attack
- Organization for the attac
- Movements to/from firing positions
- Density of firing positions

***** PRIMARY THREAT TO FORWARDED *****
DEPLOYED SIGNAL ELEMENTS

DIVISION ARTILLERY



CORPS ARTILLERY



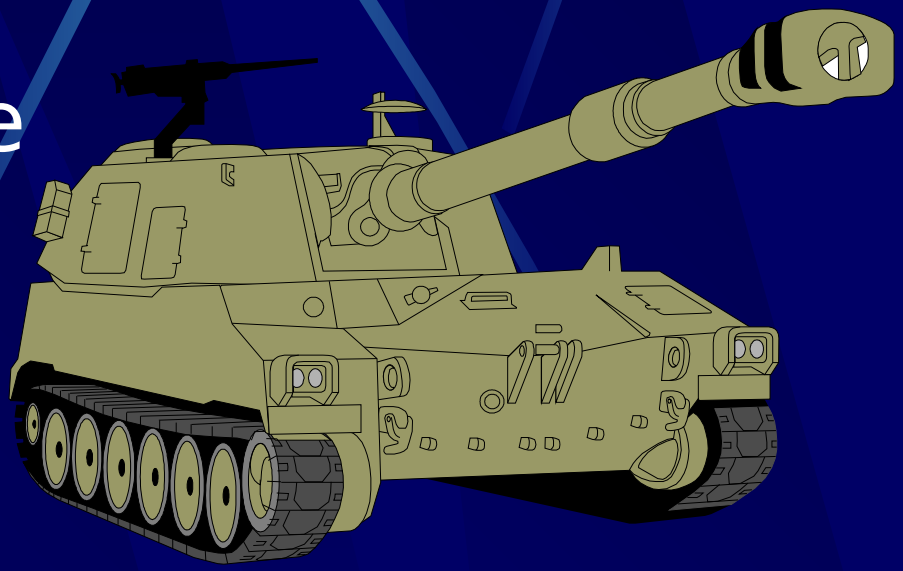
***Possible Additional Assets From General Headquarters**

THREAT DEFENSIVE TACTICS AND OPERATIONS

COMBAT LEADER TEAM

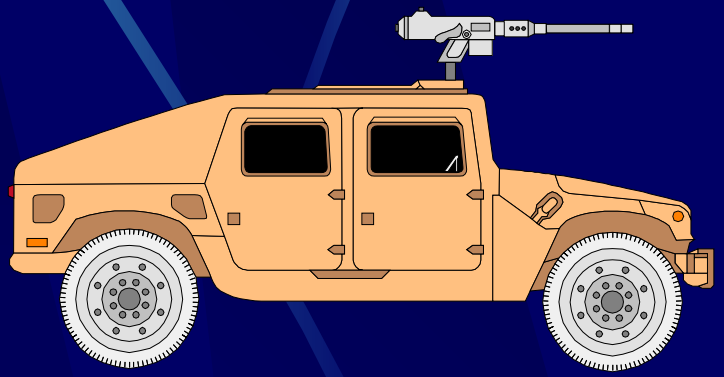
TYPES OF DEFENSES

- Deliberate Defense
- Mobile Defense
- Hasty Defense

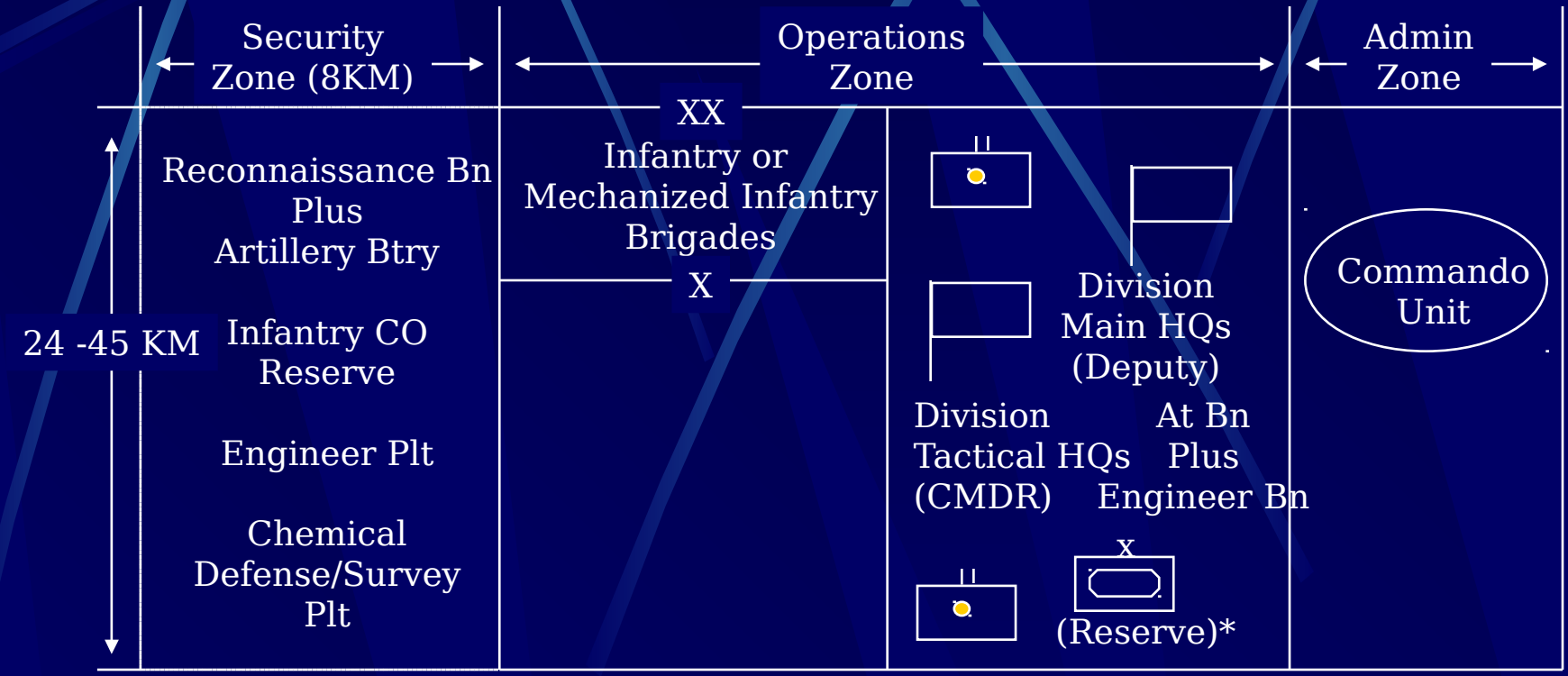


PRINCIPLES OF THE DEFENSE

- Employ defense in depth
- Utilize terrain and camouflage
- Use overlapping fire
- Maintain a reserve

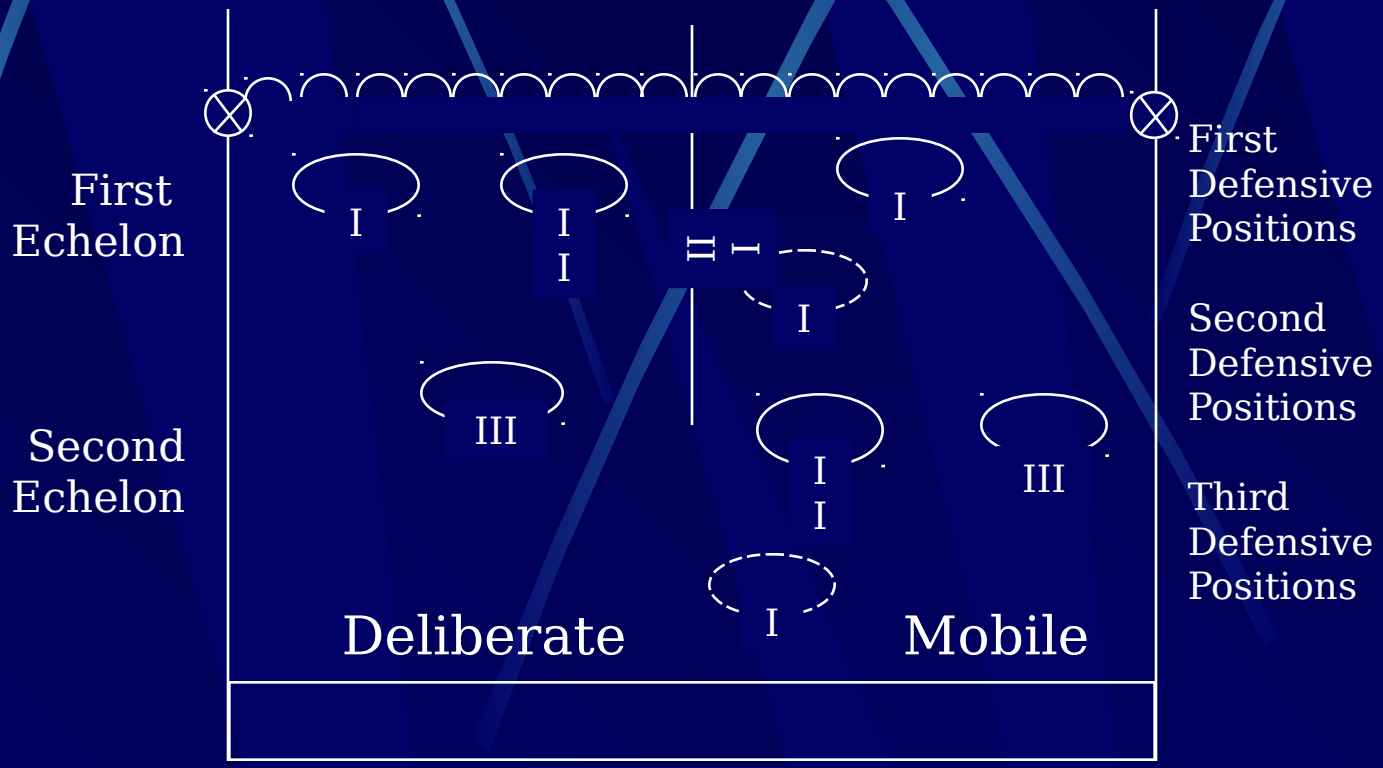


DIVISION DEFENSE



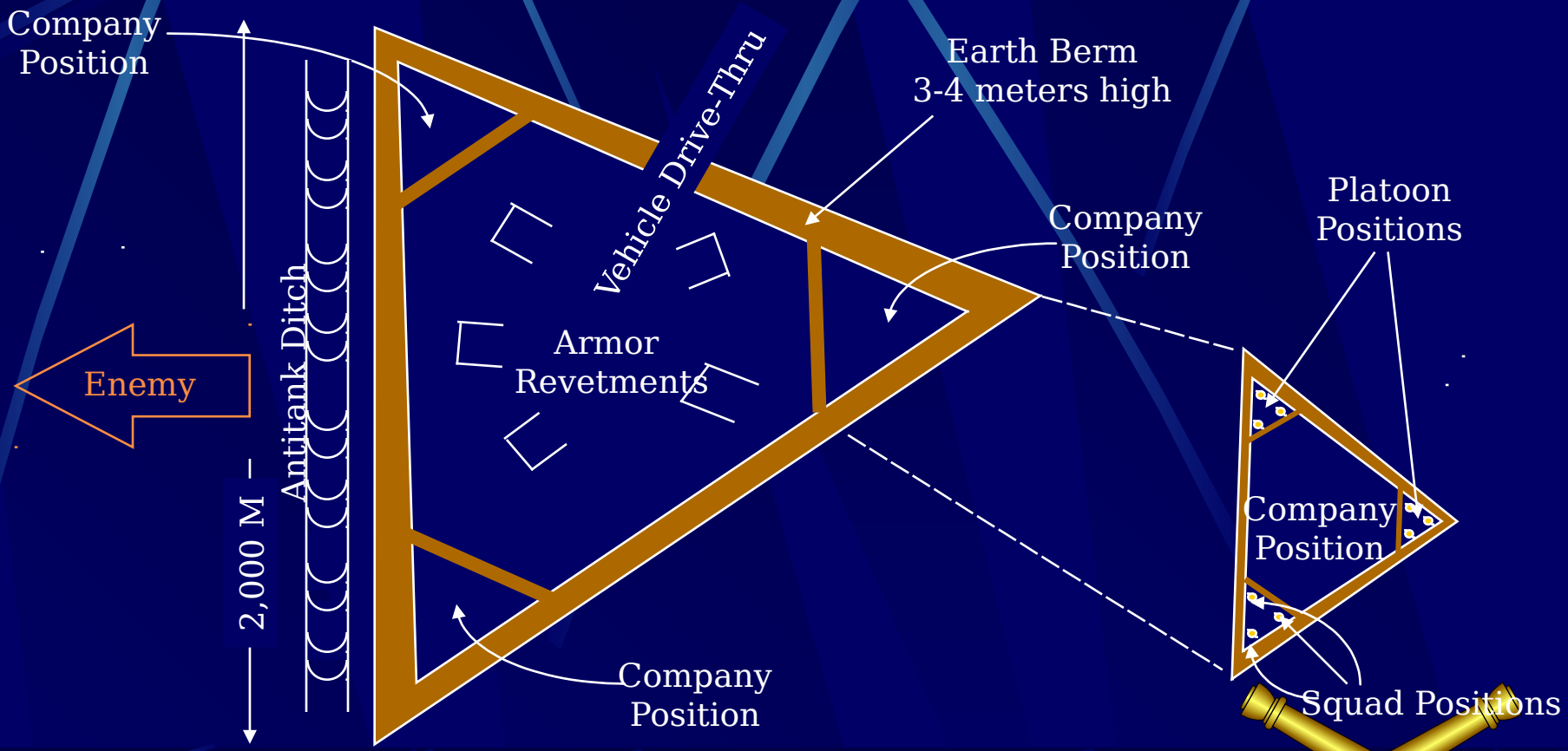
***Infantry Division has a tank company as reserve**

DEFENSIVE BELTS

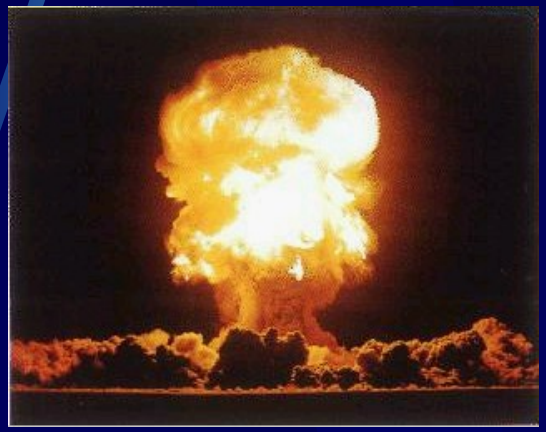


BATTALION DEFENSIVE STRONG POINT

(Light Infantry)



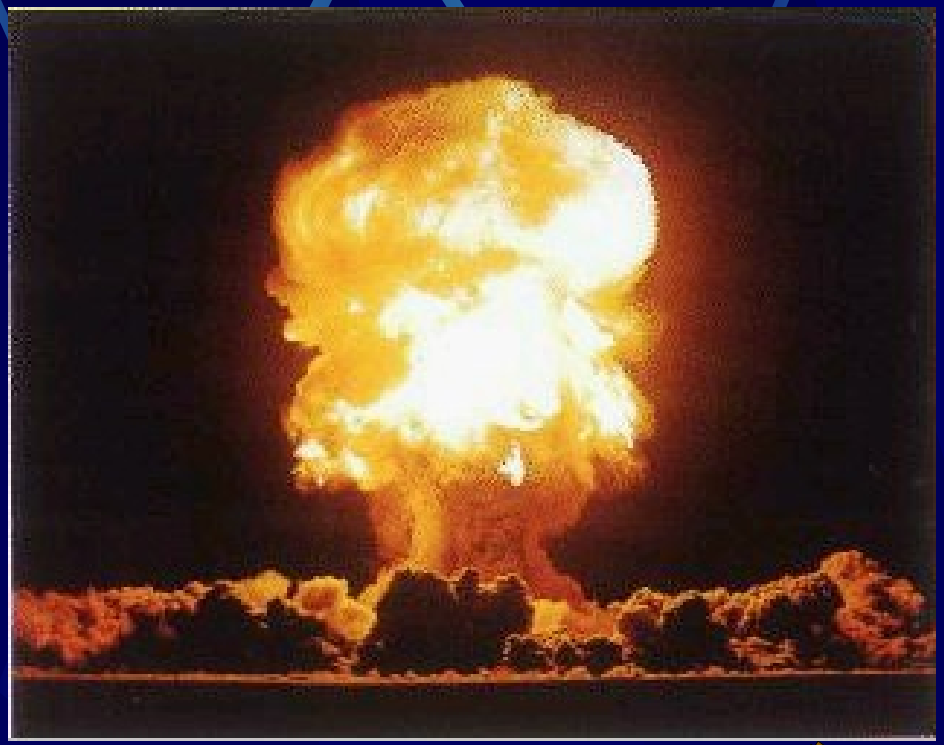
NUCLEAR-BIOLOGICAL-CHEMICAL WARFARE



POSSIBLE NUCLEAR WEAPONS

(Year 2000+)

- Syria
- North Korea
- Libya
- Iran
- Iraq
- India
- Pakistan
- South Africa
- Israel



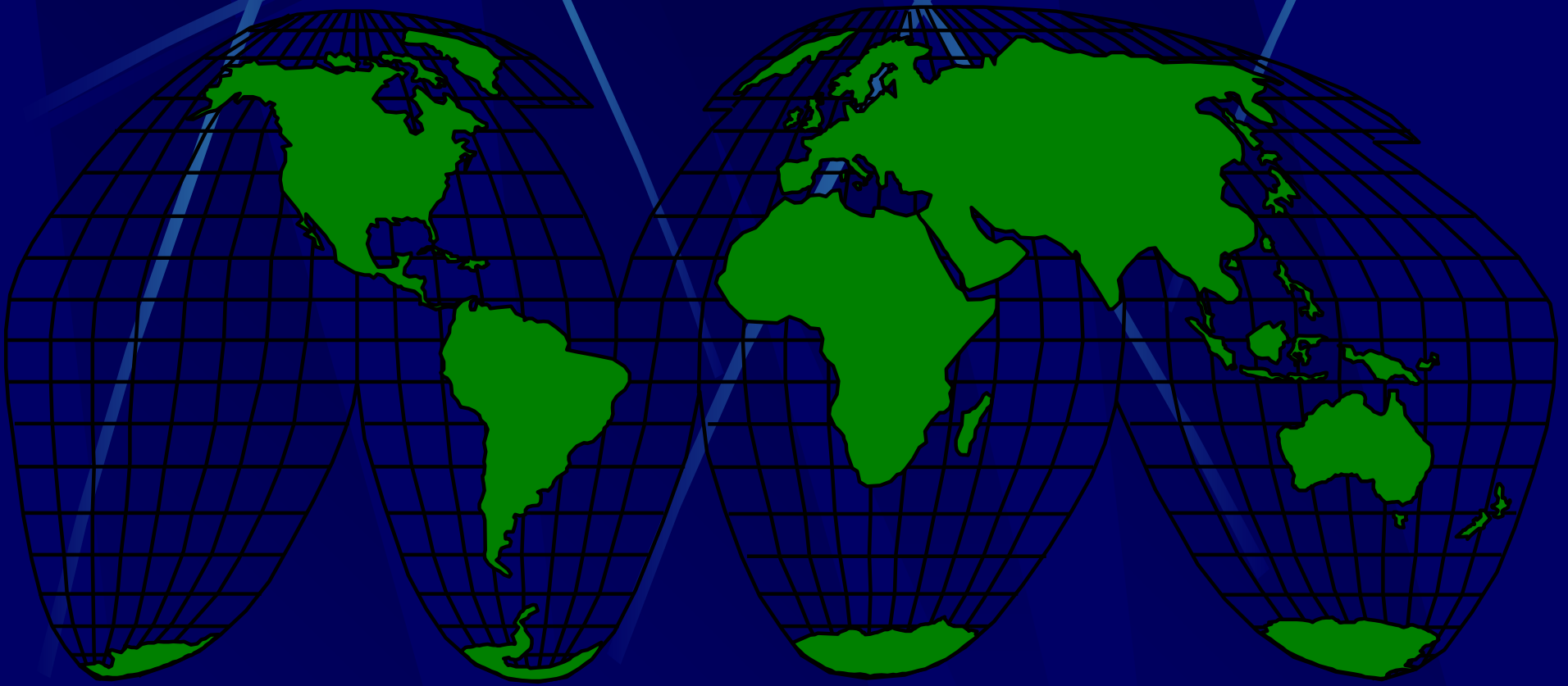
CHEMICAL WEAPONS

- Used by Iran and Iraq
- Increasingly Available
- Cheap / easily produced
- Produces mass - destruction / mass causalities
- Include in Plans

CHEMICAL WEAPONS

- Mission
  - Weaken enemy forces
  - Protect flanks
  - Hinder advance of enemy
- Type Chemical Agents
  - Tear gas
  - Mustard gas
  - Incapacitating agent
- Delivery Systems
  - Artillery
  - Air

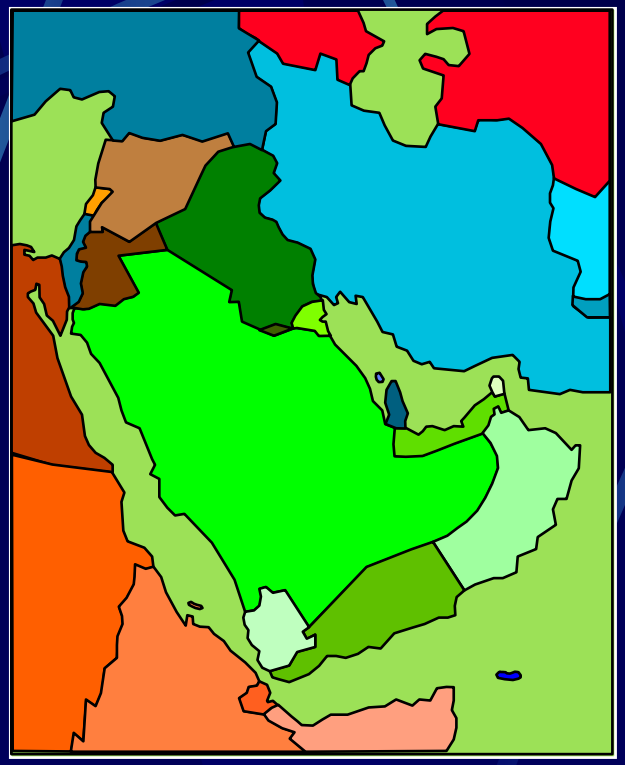
BALKANS & MIDDLE EAST



BALKANS

- SERBIA / KOSOVO
- ALBANIA
- MACEDONIA
- BOSNIA
- CROATIA
- ROMANIA
- BULGARIA
- HUNGARY
- GREECE
- ITALY
- GERMANY

THE MIDDLE EAST

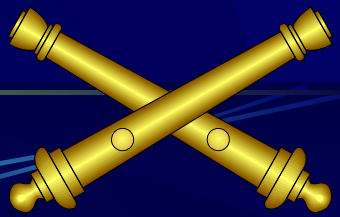


- IRAQ
- IRAN
- SYRIA
- ISRAEL
- JORDAN
- SAUDI ARABIA
- EGYPT
- LEBANON
- KUWAIT
- BAHRAIN
- OMAN
- UAE
- YEMEN
- SOUTH YEMEN

CUBA

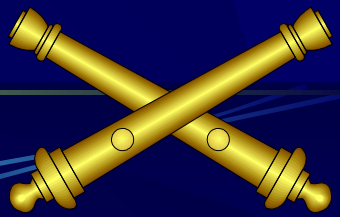
THE NATIONAL THREAT

FORMER YUGOSLAVIA



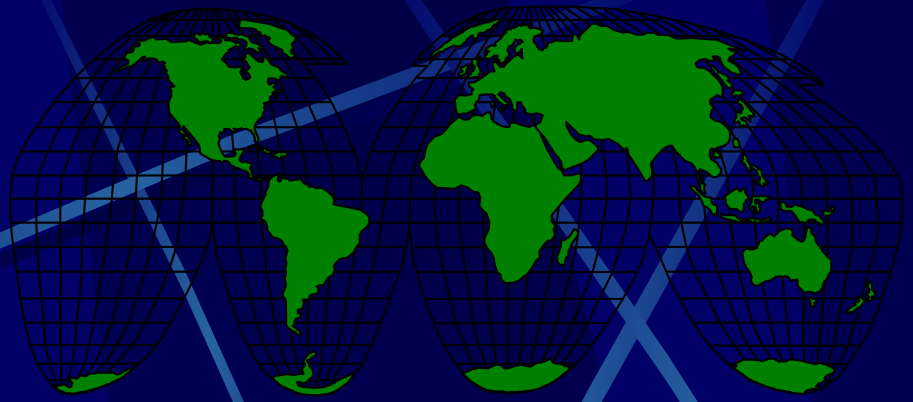
NATIONAL THREAT CHARACTERISTICS

- **LIMITED MODERN WEAPONS**
- **FOCUS IS NORMALLY WITHIN A COUNTRY**
- **POSSIBLE INFLUENCE BY EXTERNAL SUPPORT**
- **FIGHT IN URBAN AND RURAL AREAS**
- **MAY INCLUDE CIVIL WARS AND BORDER DISPUTES**
- **MAY USE SMALL UNITS AND/OR INSURGENCIES**
- **OFTEN HISTORICAL AND ETHNIC BASES FOR SUPPORT**
- **<u>CAN OVERLAP INTO OTHER THREAT CATEGORIES</u>**



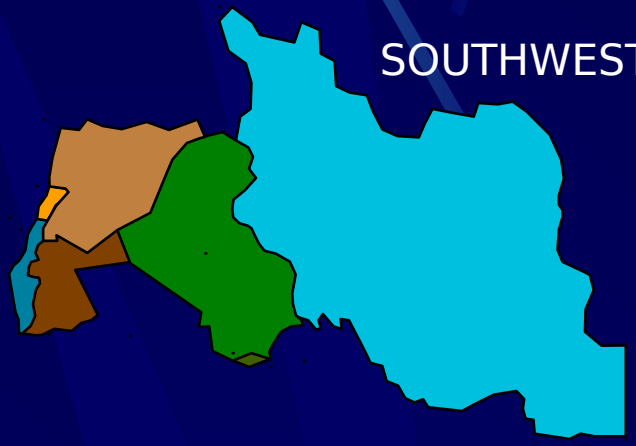
GENERAL TACTICS

- LARGELY BASED UPON SOVIET DOCTRINE
- ADAPTED BY ADVISERS
- MODIFIED BY LOCAL GEOGRAPHY, POLICY AND SITUATIONS
- STRUCTURED FOR OFFENSIVE ACTIONS



THREAT IN SPECIAL SITUATIONS

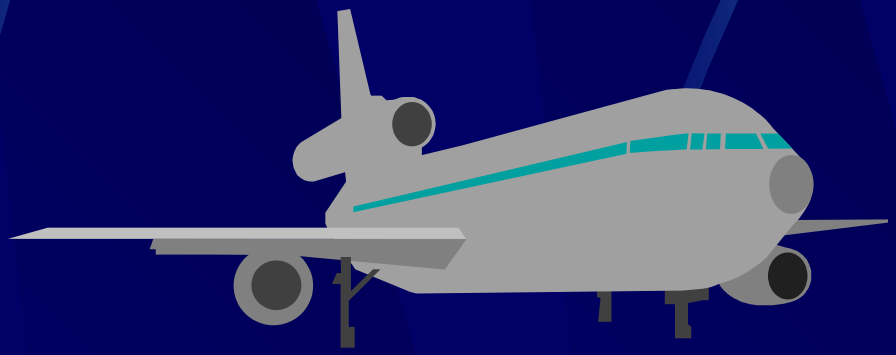
CENTRAL/SOUTH AMERICA

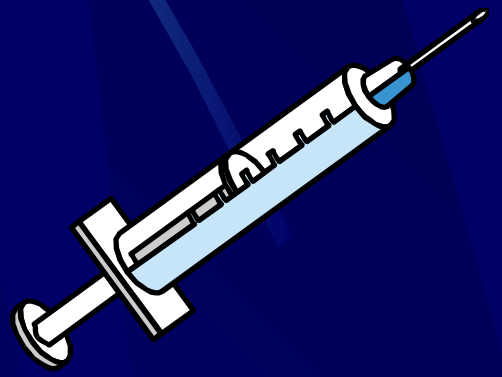


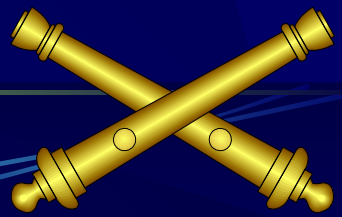
SOUTHWEST ASIA

SPECIAL SITUATION THREATS

- **TERRORISM**
- **NARCO-TERRORISM**
- **OTHER**

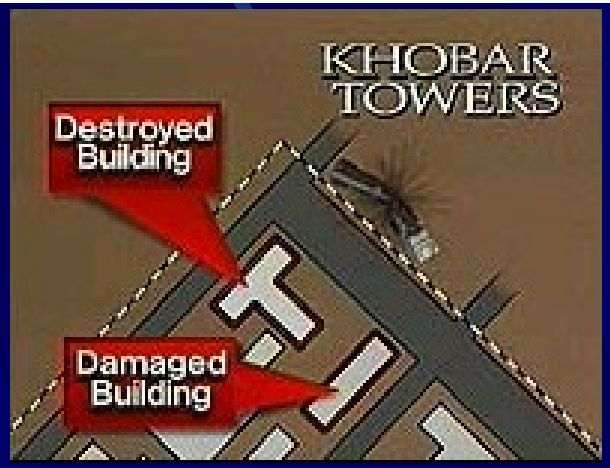






CHARACTERISTICS OF THE TERRORIST THREAT

- **Can happen anywhere**
- **Hard to predict/model**
- **May be motivated by ideology, money or historical animosities**
- **Least likely to employ conventional forces**
- **Difficult to train against**

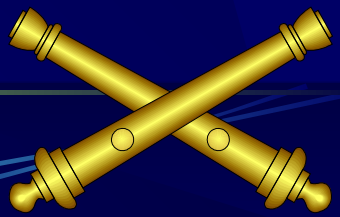


TERRORIST OBJECTIVE

- **Recognition**
- **Coercion**
- **Intimidation**
- **Insurgency Support**

TERRORIST TACTICS

- Assassination
- Arson
- Bombing
- Hijacking
- Kidnapping
- Hostage-Taking
- Maiming
- Raids
- Seizure
- Sabotage
- Hoaxes

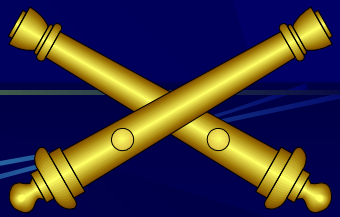


TERRORIST USE OF NBC WEAPONS

- **Increasing world wide availability of sophisticated weapons**
- **Nuclear weapons still difficult to obtain**
- **May substitute chemical and biological weapons**
- **Potential for mass destruction and fear**

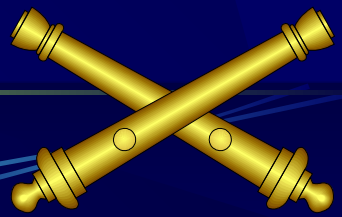
POTENTIAL USE OF BIOLOGICAL WEAPONS

- **New way to inflict violence**
- **Produce more casualties**
- **Undermine economy**
- **Weaken military forces**
- **Not difficult to find technicians with proper scientific background**



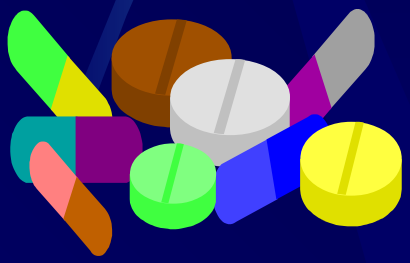
RELUCTANCE TO USE BIOLOGICAL WEAPONS

- **Could alienate supporters**
- **Hesitant to experiment with new weapons**
- **Government may crackdown**

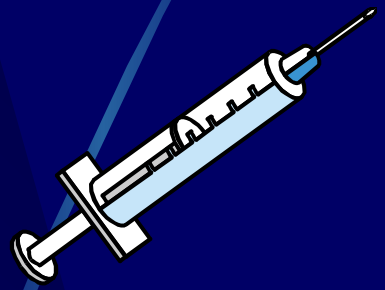


THREAT IN SPECIAL SITUATIONS

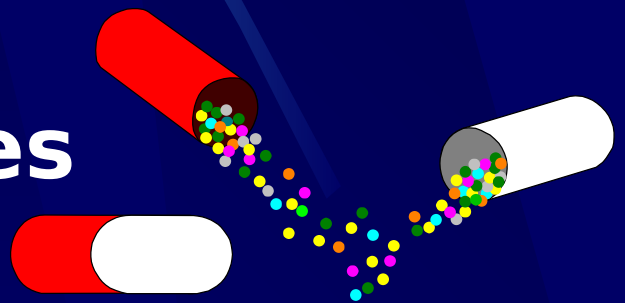
- Drug Trafficking

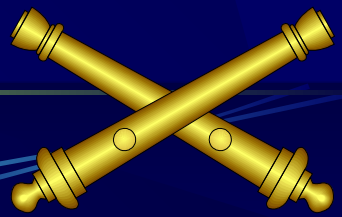


ILLICT DRUGS



- **Damage U.S. national interests**
- **Adversely affect U.S. economy**
- **Subvert political and military organizations**
- **Finance threat forces**



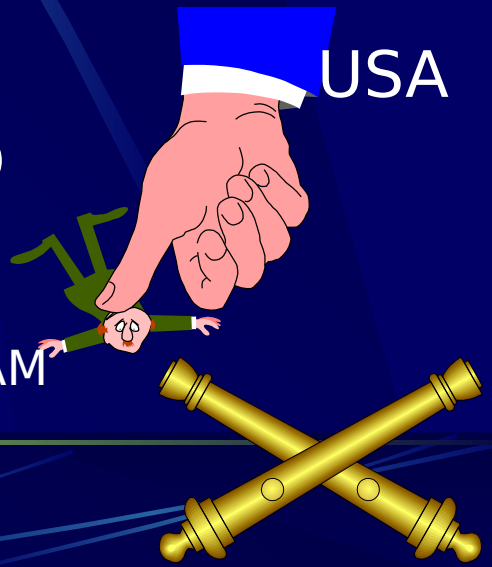


EFFORTS TO COUNTER DRUG TRAFFICKING

- **Disrupt and eliminate drug-trafficking organizations**
- **Reduce the supply of cocaine, heroin, and marijuana**
- **Interdict dangerous chemicals**
- **Energize foreign nations against drugs and drug trafficking**
- **Increase military programs supporting foreign drug control efforts**

SUMMARY OF THREAT TYPES

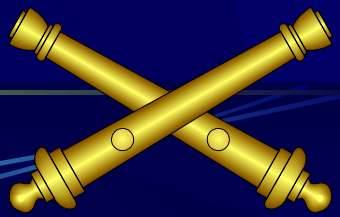
- **THE FACE OF THE THREAT HAS CHANGED**
- **U.S. ARMED FORCES CAN BE USED AGAINST ALL THREAT CATEGORIES IN ROLES NOT COMMON DURING THE COLD WAR**
- **COUNTERINSURGENCY AND COUNTERTERRORISM**



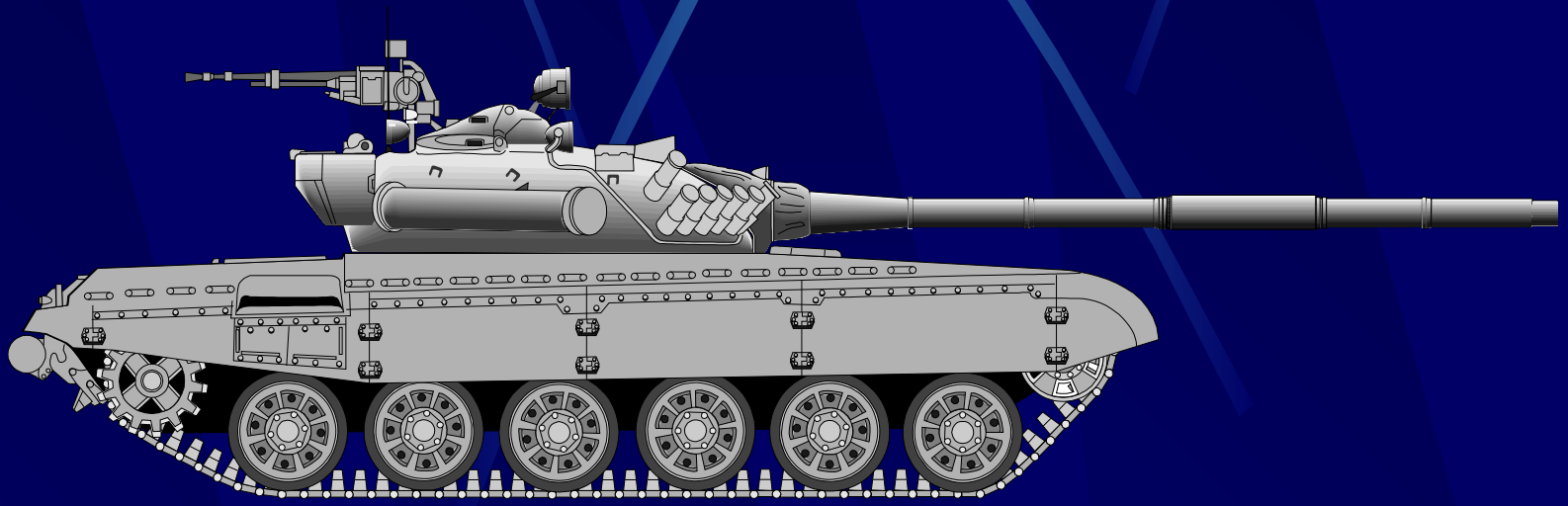
THREAT CATEGORIES

QUESTIONS?

- Name two of the Categories of Threats.
- Name one regional Threat .



THREAT CONVENTIONAL ORGANIZATION



MOTORIZED RIFLE SQUAD

BTR-80

Armament: 14.5mm MG / COAXIAL 7.62mm MG
Max Effective Range: 1400m / 1000m
Speed: 80km/hr
Capacity: Crew + 14 INF

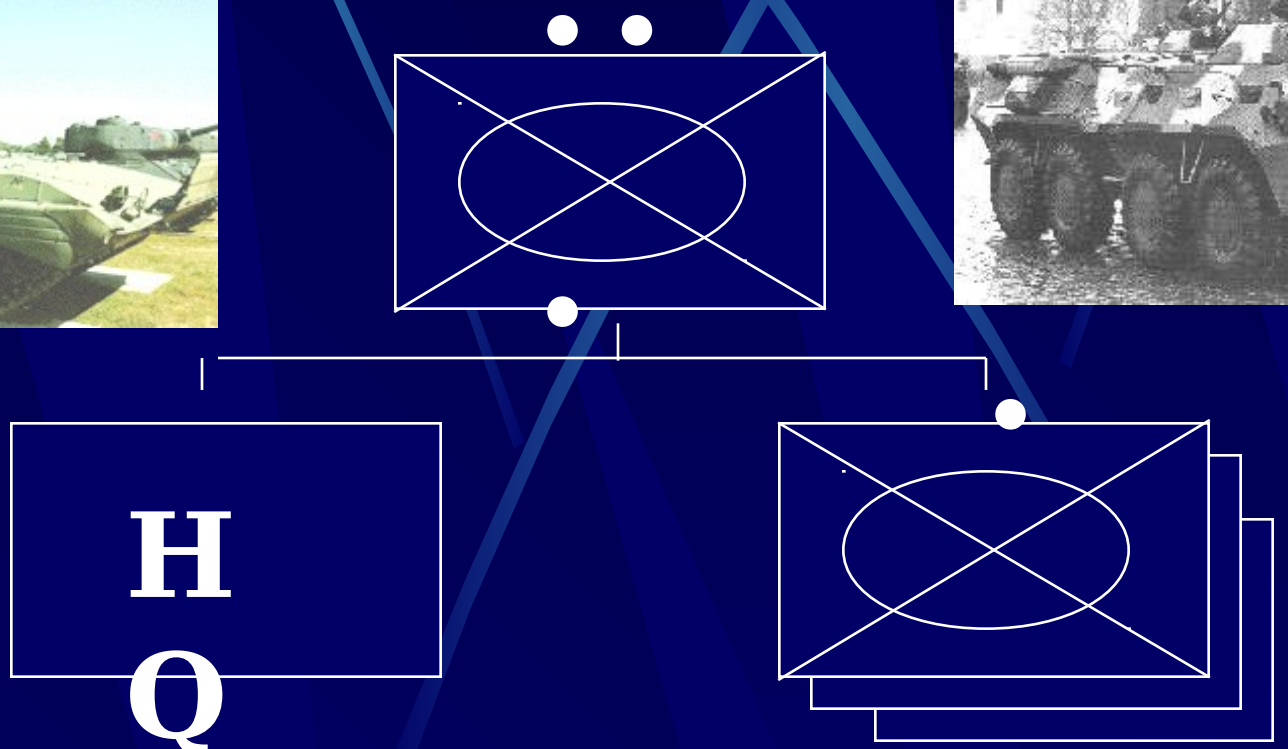
MOTORIZED RIFLE SQUAD

BMP2/
3

Armament: 30mm AG
Max Effective Range: 1000m
Speed: 65 km/hr
Capacity: Crew + 8 INF

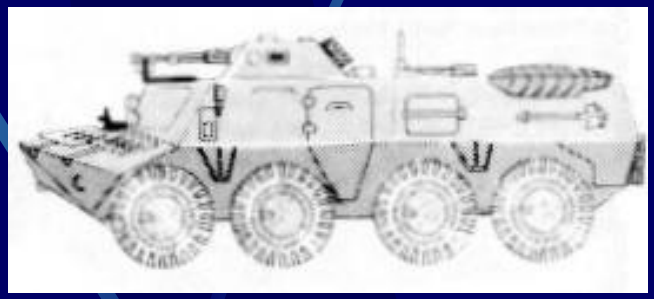
100mm gun w/AT-10
and 30mm AC / 4

MOTORIZED RIFLE PLATOON



1 x BMP or 1 x BTR per Squad

MOTORIZED RIFLE COMPANY (BTR)



HQ

1 x BTR

MG/AT 2 x BTR

3 x BTR

MOTORIZED RIFLE COMPANY (BMP)

HQ

1 x BMP

MG 2 x BMP

3 x BMP

TANK COMPANY

HQ

1 x T-62/64/72/80

3 x T-62/64/72/80

10 TANKS

COMBAT LEADER TEAM

TANK BATTALION

HQ

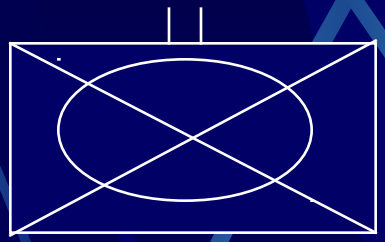
1 x T64/72

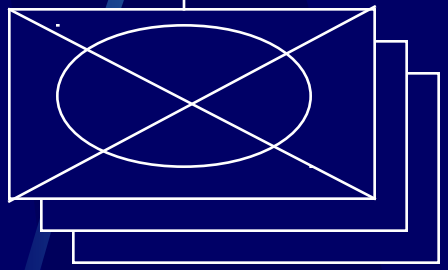
10 x T64/72

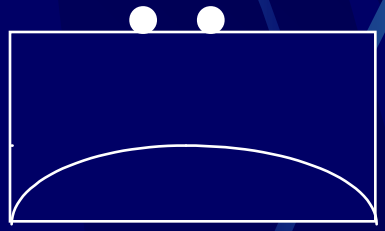
31 TANKS

COMBAT LEADER TEAM

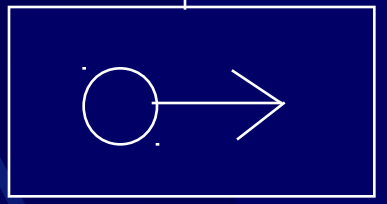
MOTORIZED RIFLE BATTALION (BTR)







AUTO-GRENADE LAUNCHER

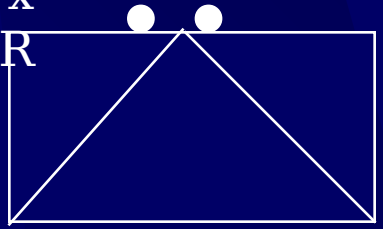


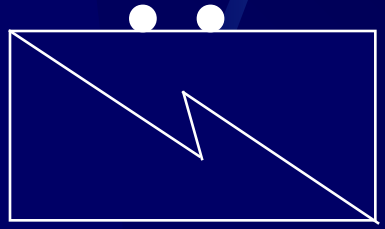
12 x BTR

9 x SA14/16

6 x AGS-17

8 x 120mm or 82mm



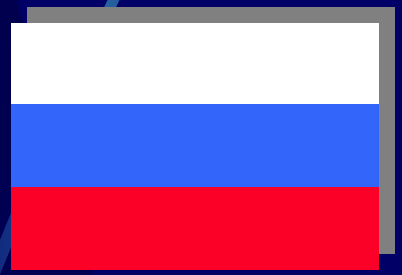


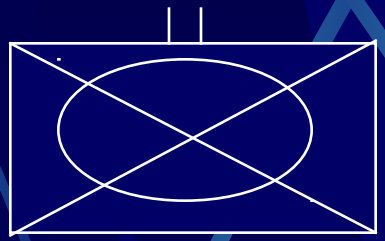
SUPPLY

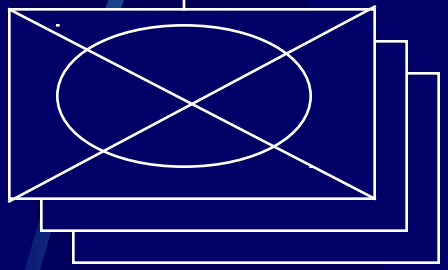
MEDICAL

COMBAT LEADER TEAM

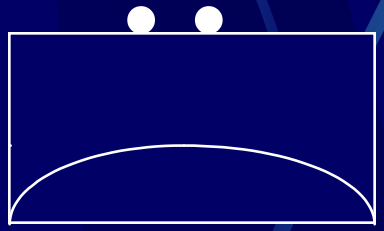
MOTORIZED RIFLE BATTALION (BMP)







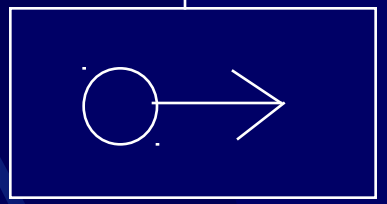
12 x BMP



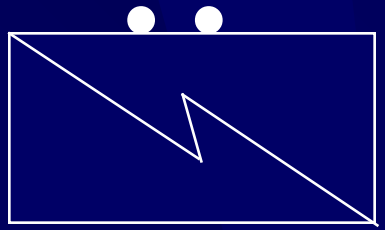
9 x SA14/16

AUTO-GRENADE LAUNCHER

6 x AGS-17



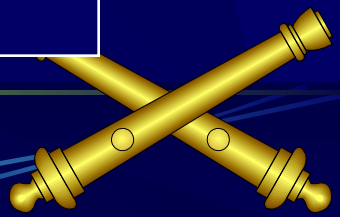
8 x 120mm or 82mm



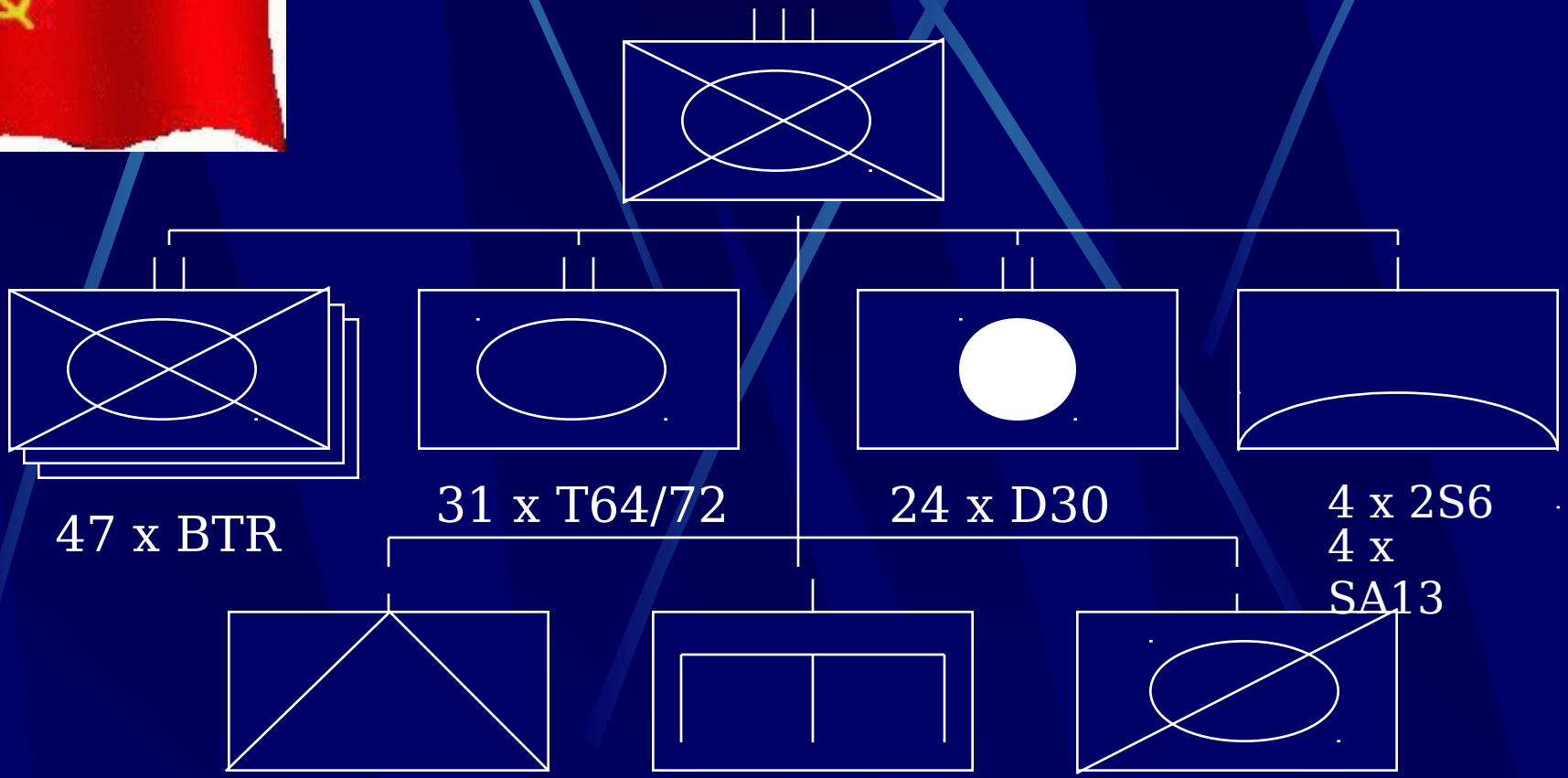
SUPPLY

MEDICAL

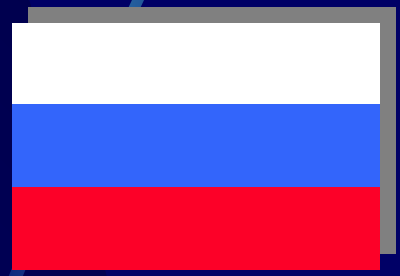
COMBAT LEADER TEAM

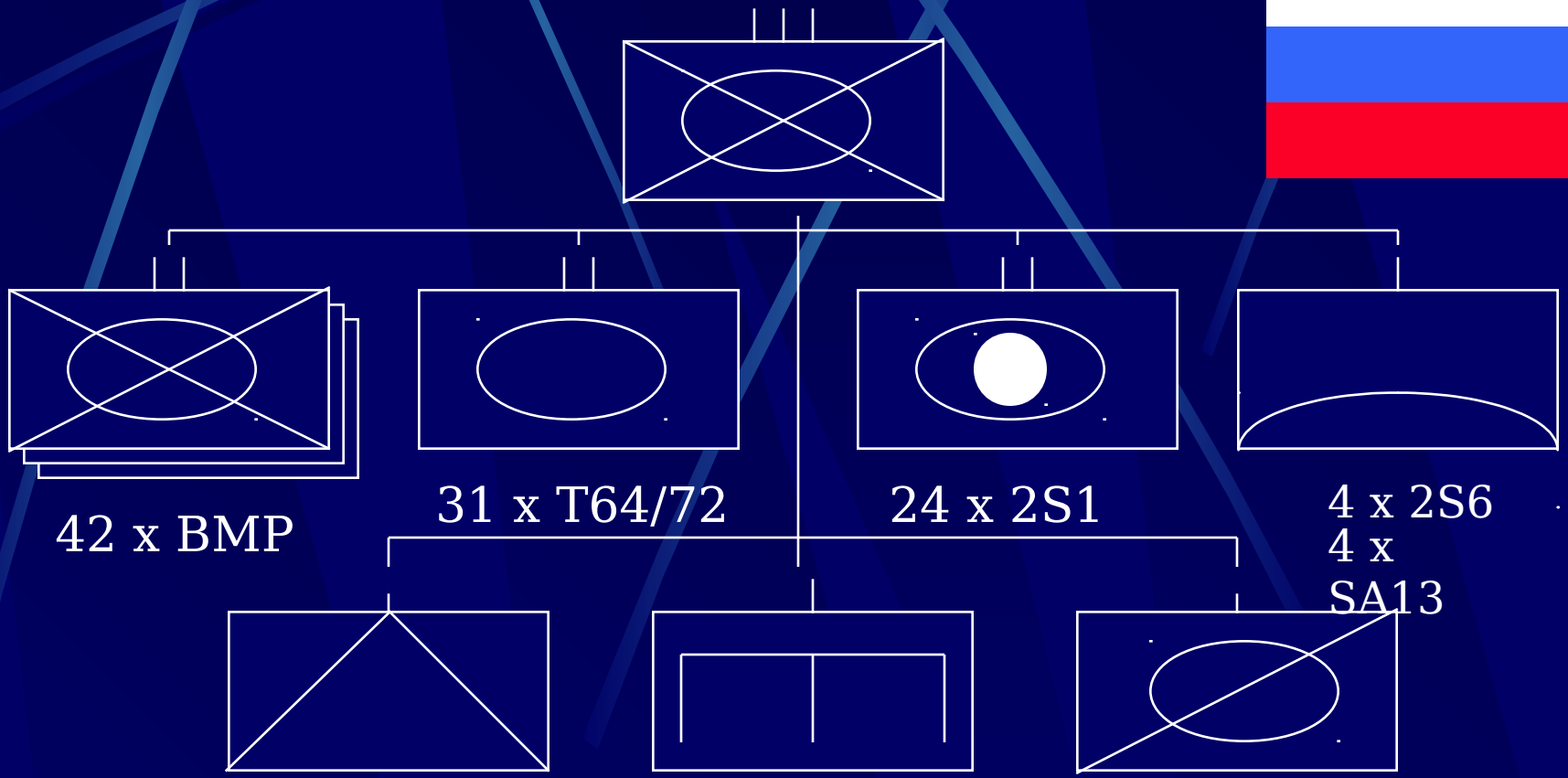


MOTORIZED RIFLE REGIMENT (BTR)

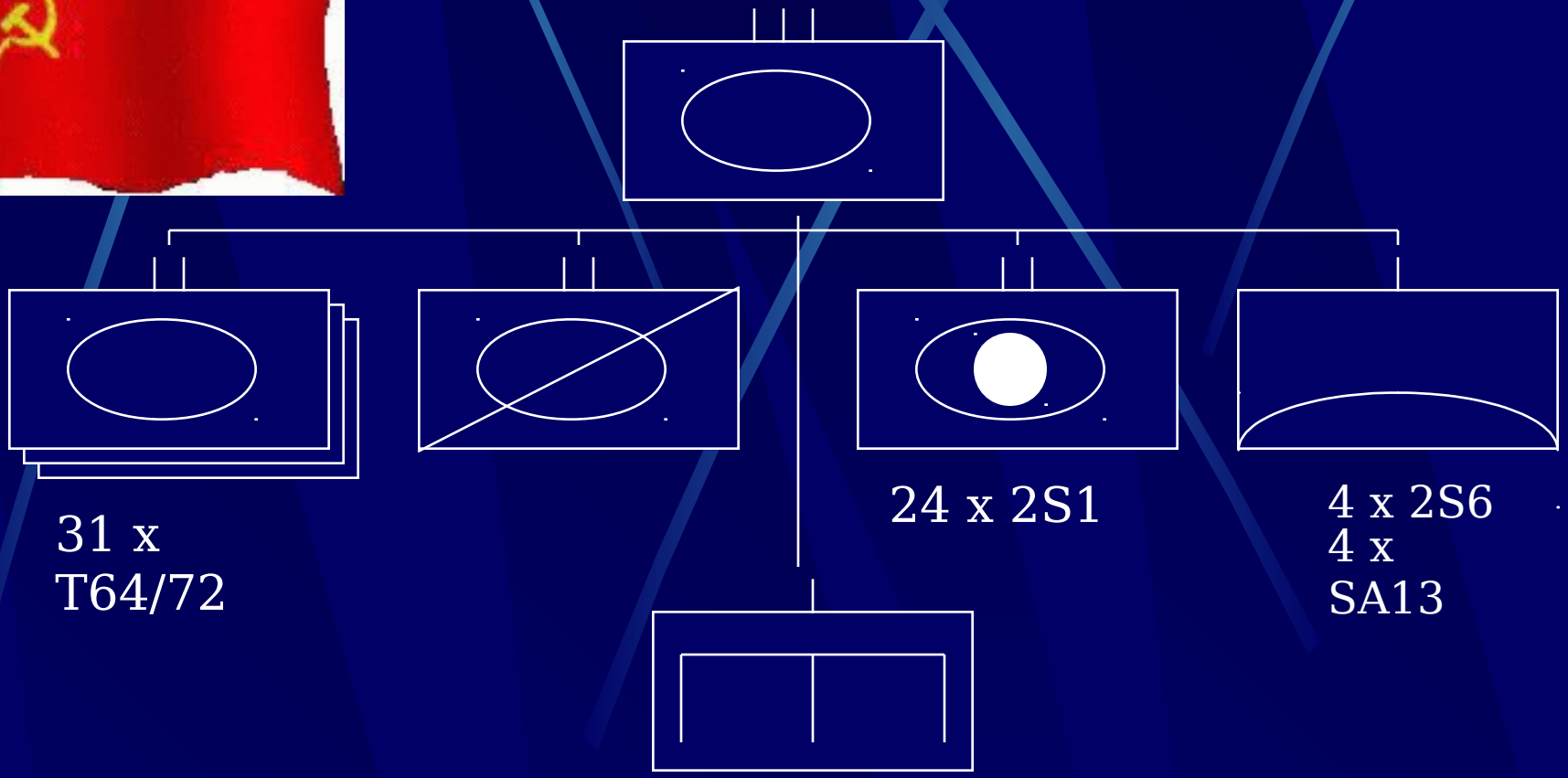


MOTORIZED RIFLE REGIMENT (BMP)



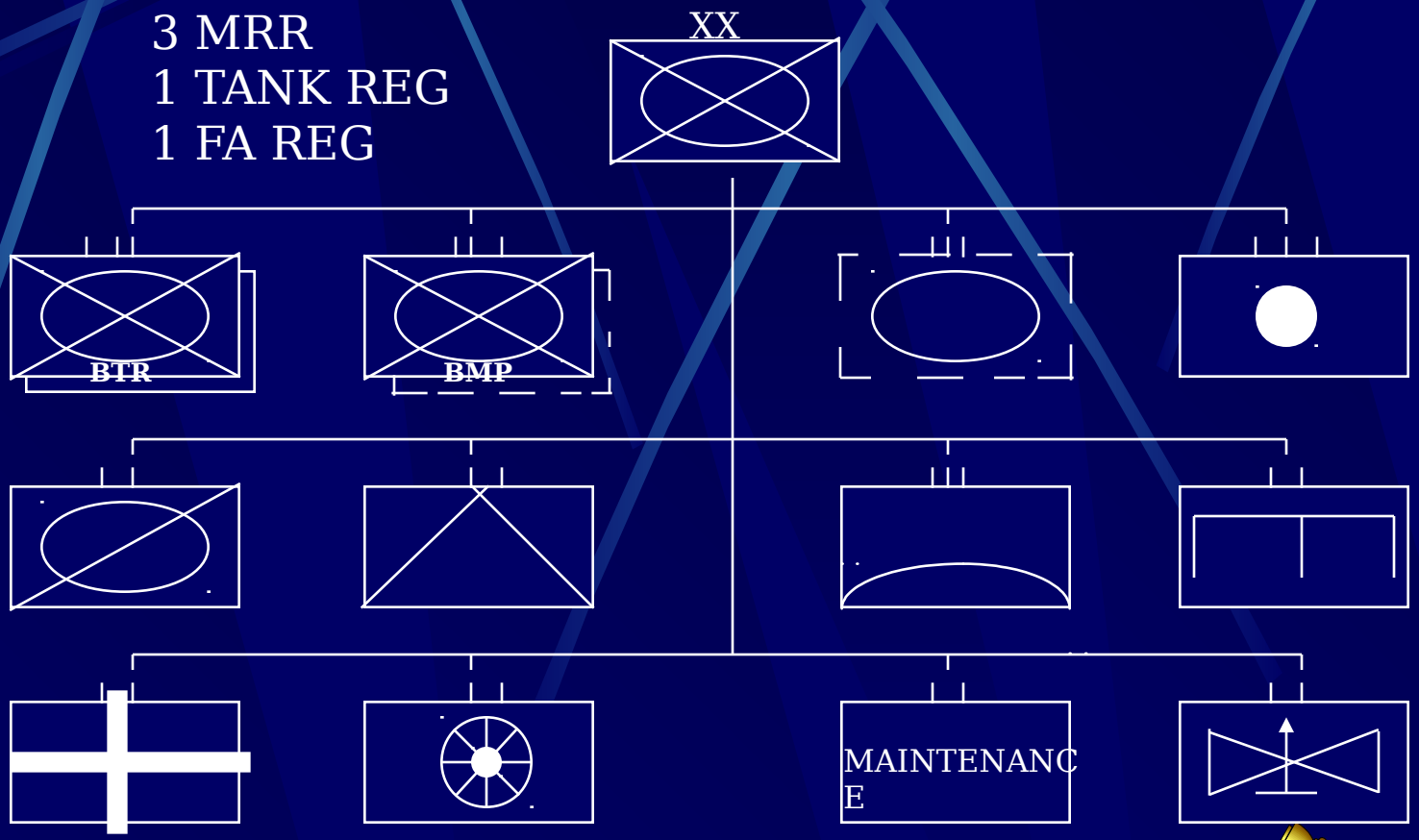


TANK REGIMENT (MRD)

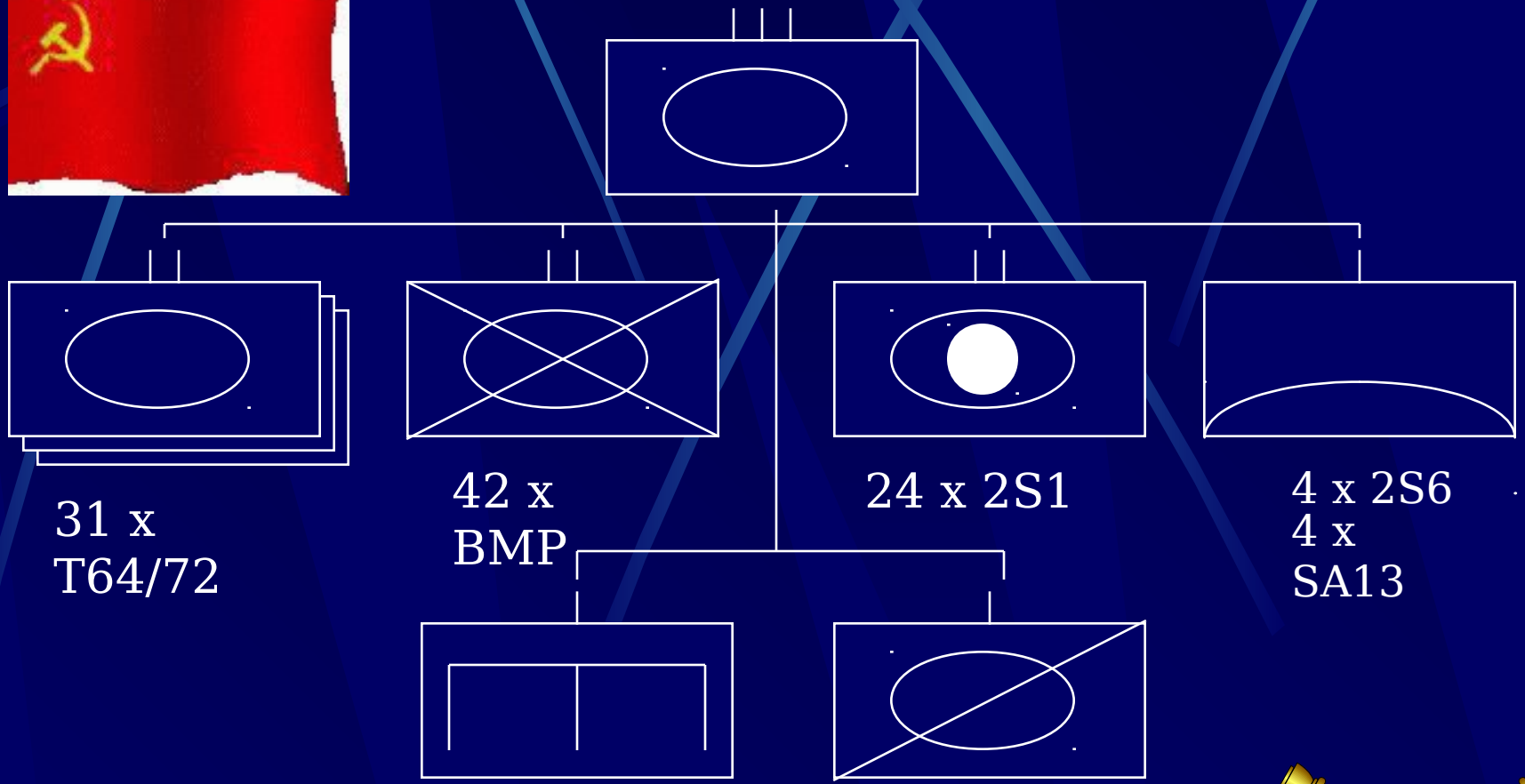


MOTORIZED RIFLE DIVISION

3 MRR
1 TANK REG
1 FA REG

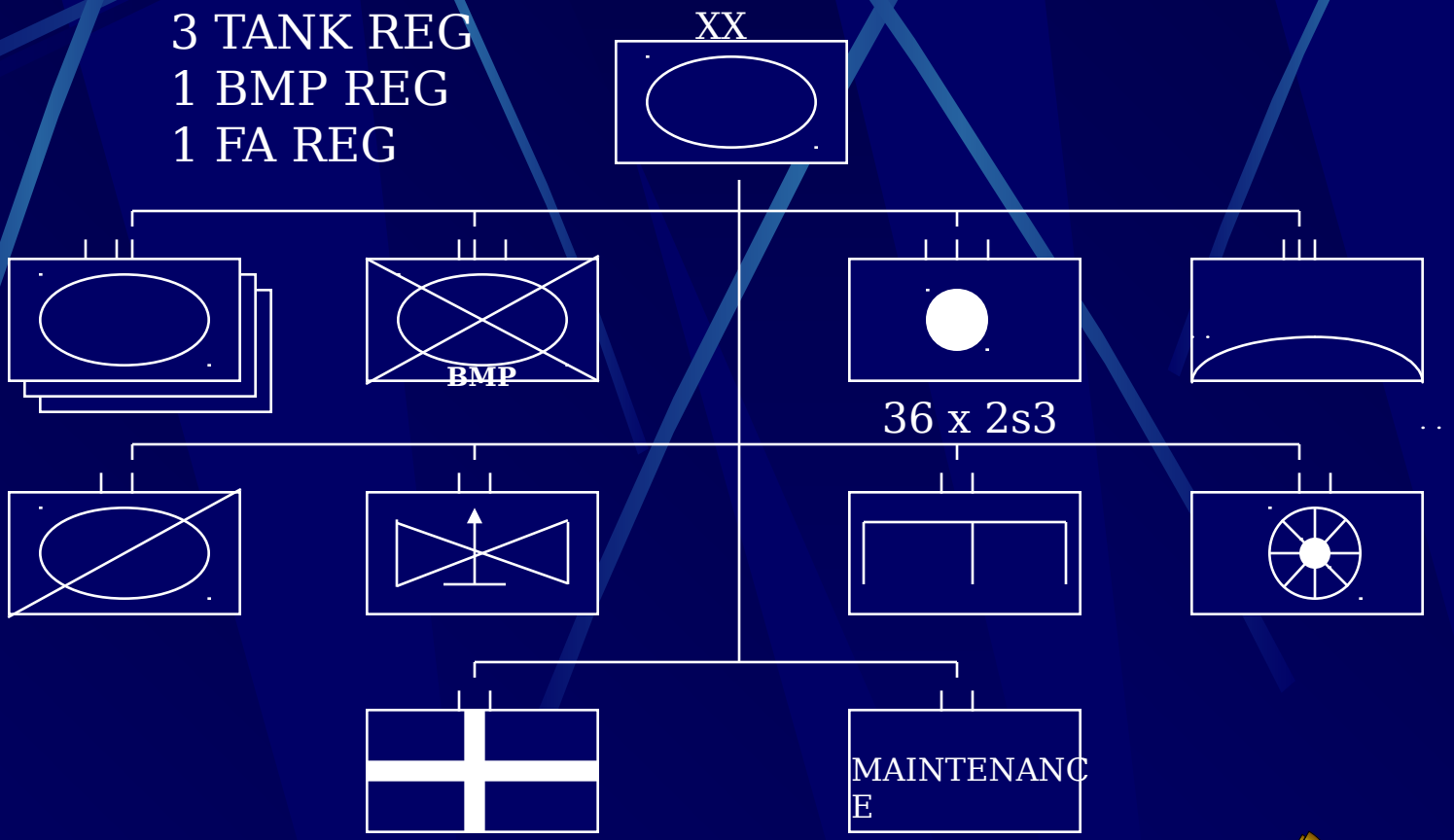


TANK REGIMENT (TD)

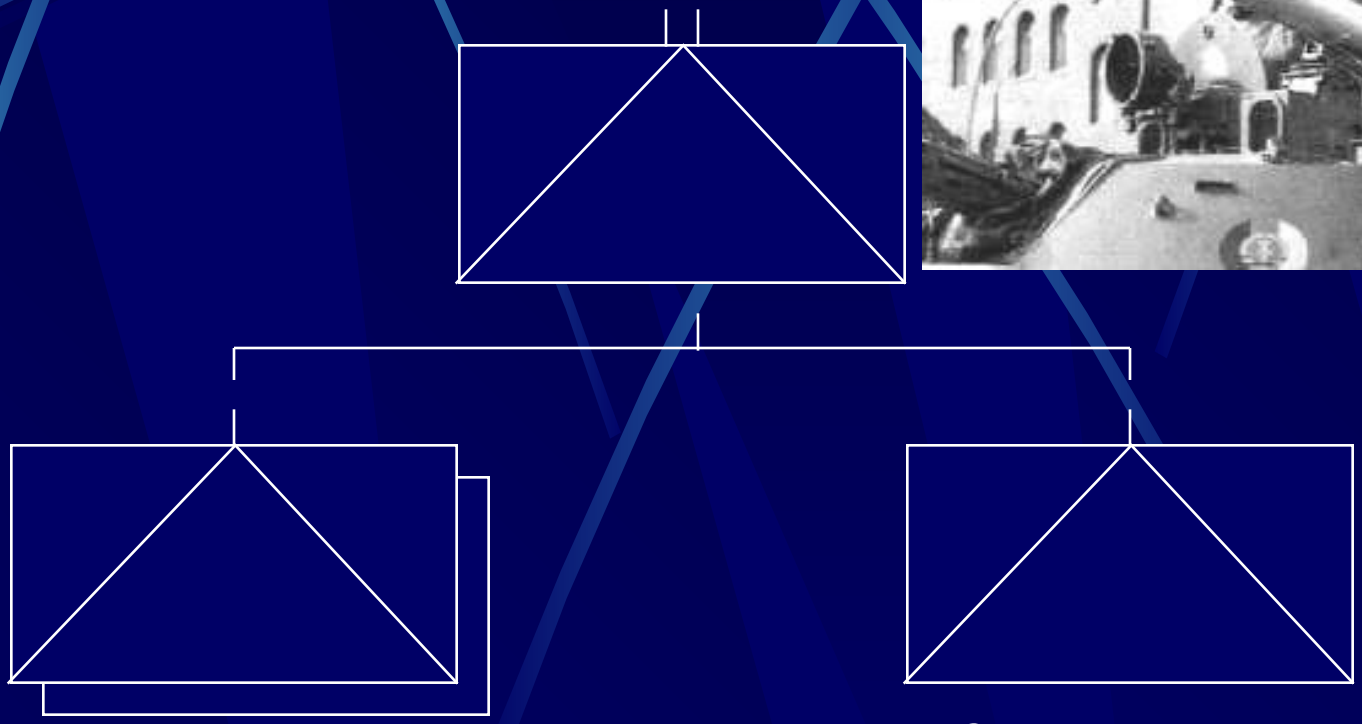


TANK DIVISION

3 TANK REG
1 BMP REG
1 FA REG



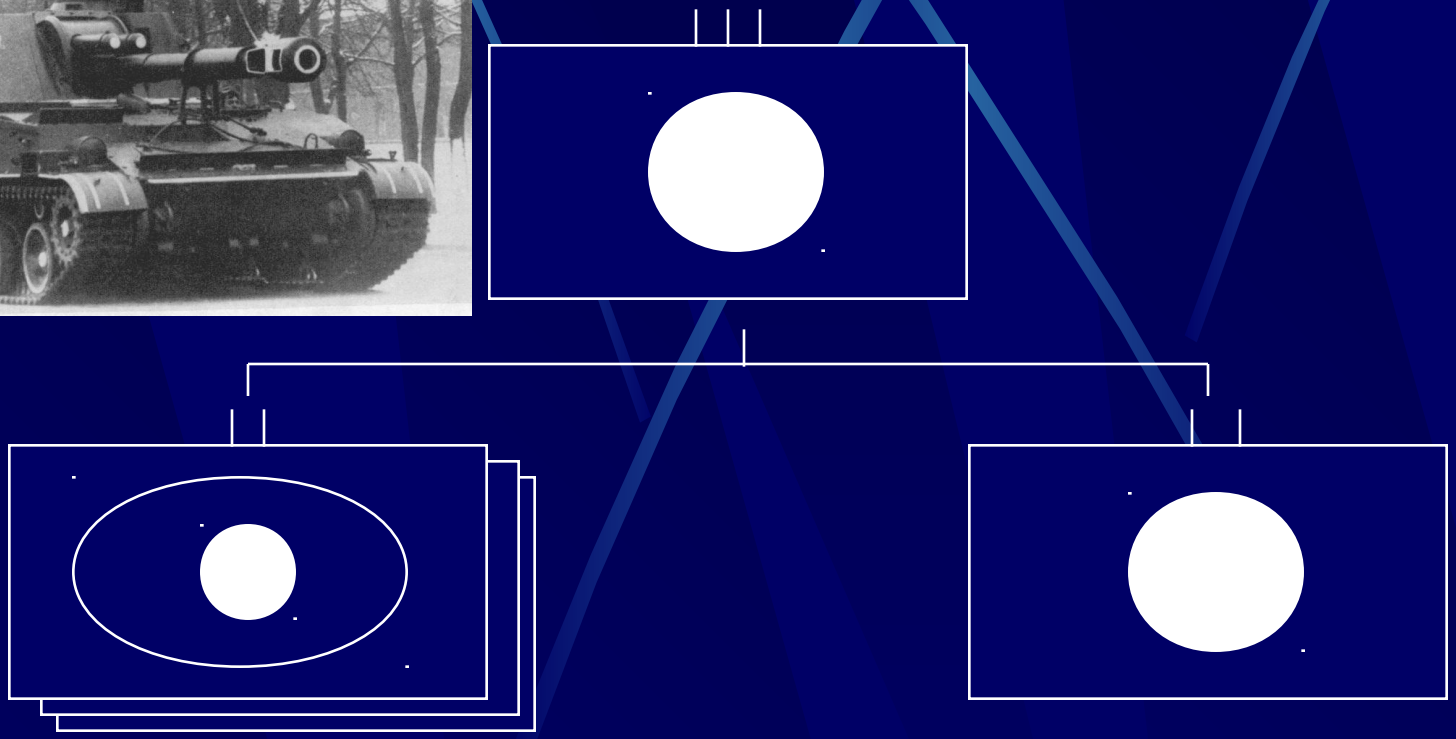
ANTI-TANK BATTALION (MRD)



6 x T-12A

9 x BRDM-2(AT3/5)

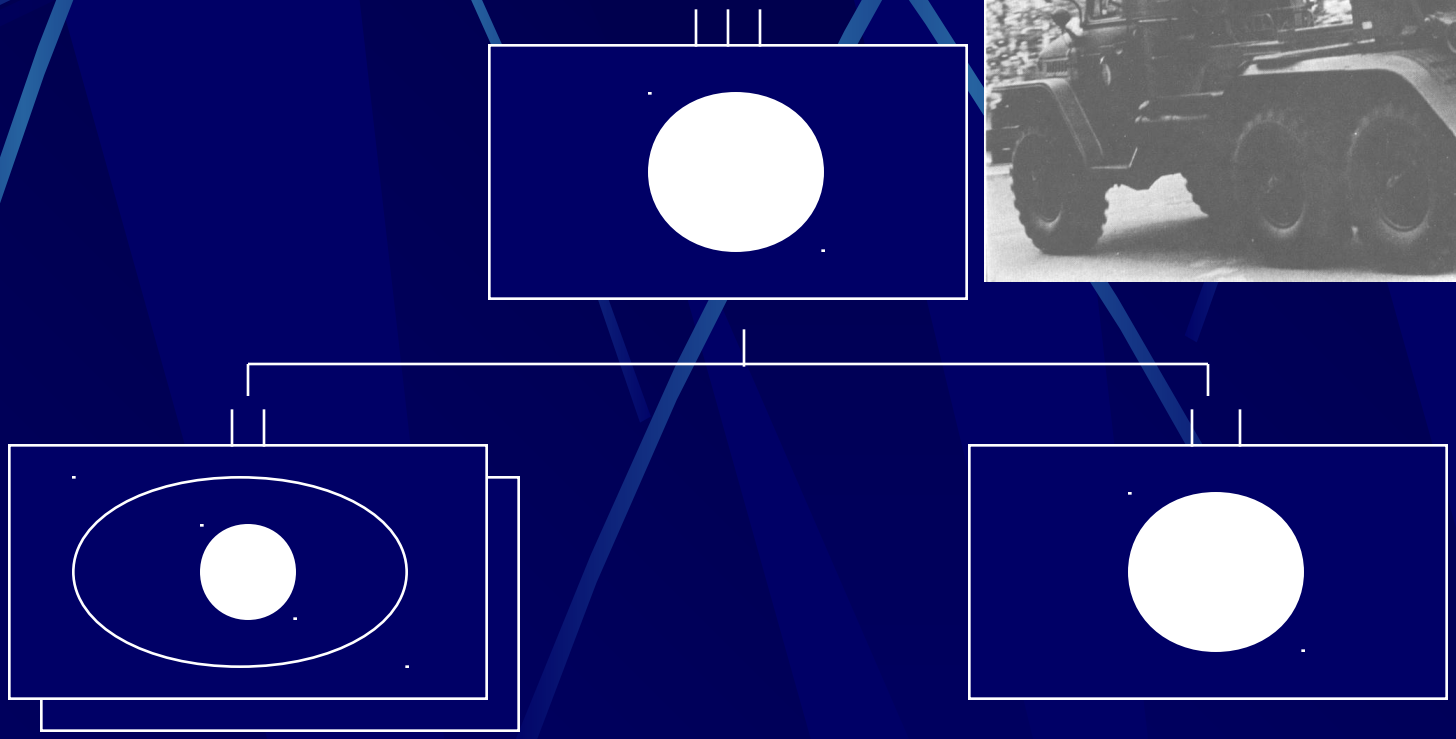
ARTILLERY REGIMENT (MRD)



24 x 2S3

18 x BM21

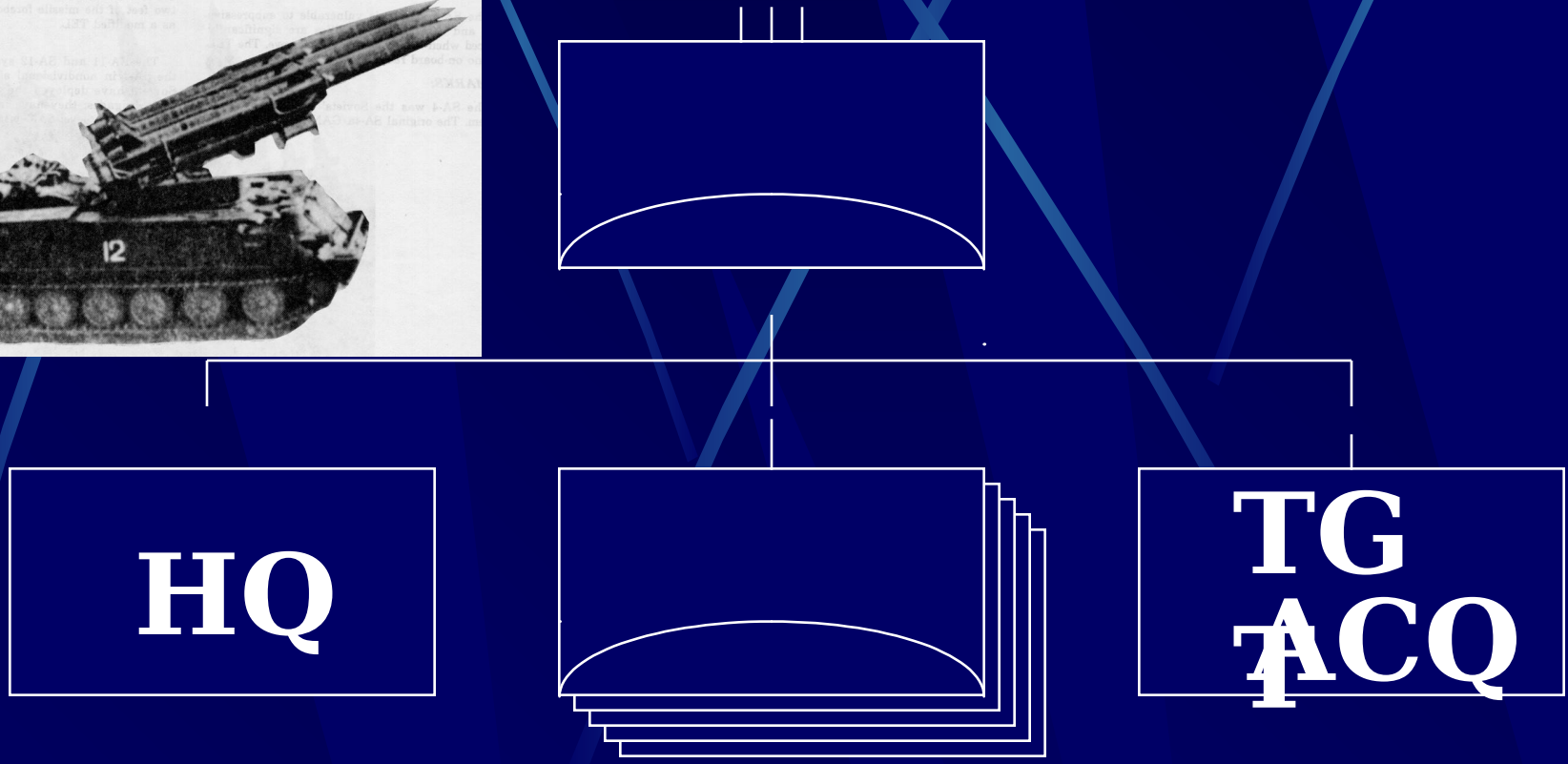
ARTILLERY REGIMENT (TD)



24 x 2S3

18 x BM21

AIR DEFENSE REGIMENT



4 x SA-6 or SA-8 or SA-11

COMBAT LEADER TEAM

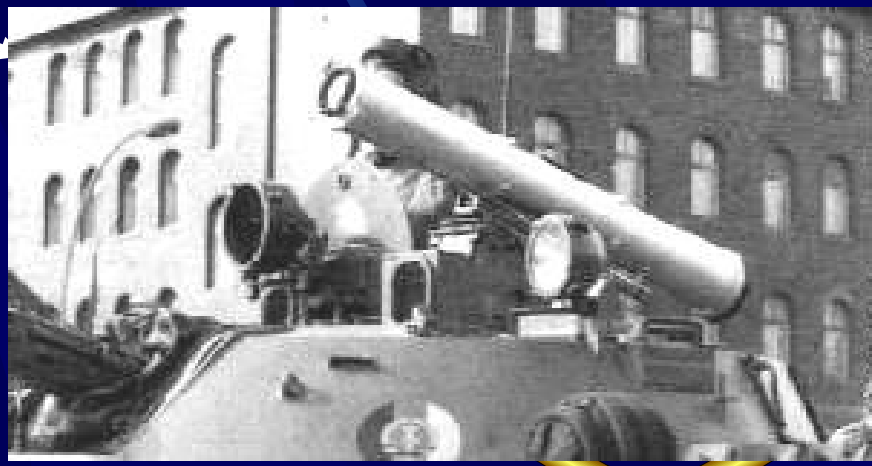
EQUIPMENT: ARMOR

- T-54/55
- T-62
- T-64(64B)
- T-72/M-84
- T-80(80U)
- CHIEFTAN (UK)
- TYPE 59-II (PRC)
- TYPE 69-II (PRC)

T-90

EQUIPMENT
ANTI-TANK SYSTEMS

- RPG-7/16
- SPG-9
- T-12A
- AT-3 (BRDM-2, BMP-1, AERIAL, MANPACK)
- AT-4A/B (BMP1/2, MANPACK)
- AT-5 (BRDM-2, BMP1/2)
- AT-6 (AERIAL PLATFORM)
- AT-8 (T64B/80)
- AT-10 (BMP-3)
- AT-11 (T-80U/90)
- HOT (FR/GE) (VEHICLE, AERIAL)
- MILAN (FR/IT) (VEHICLE, MANPACK)



EQUIPMENT
MORTARS

- M1938/1943 120mm
- 2B9 VASILEK 82mm AUTO MORTAR
- M1953 160mm
- M1952 240mm
- 2S4 240mm SP

2B11/120mm

EQUIPMENT
MULTIPLE ROCKET LAUNCHERS

- BM-21 122mm
- BM-13/16 132mm
- BM-14 140mm
- BM-24 240mm
- BM-27 220mm
- TYPE 63 107mm (PRC)
- ASTROS II (BRZ)

BM-21 (MOST COMMON)
122mm / 20.5 km
HE, CHEM, SMOKE, WP

EQUIPMENT
GUNS/HOWITZERS

- D-1 M1943 152mm TOWED
- D-20 152mm TOWED
- D-30 122mm TOWED
- ML-20 M1937 152mm TOWED
- M-46 130mm TOWED
- 2S1 122mm SP
- 2S3 152mm SP
- GHN-45 155mm TOWED (AUS)
- G5 155mm TOWED (SAF)
- TYPE 66 152mm TOWED (PRC)

EQUIPMENT
AIR DEFENSE WEAPONS

- SA-7/14/16/19
- ZSU-23-4
- SA-13
- 2S6
- SA-6
- SA-8
- SA-11

EQUIPMENT
HELICOPTERS

MI-24 “HIND”

MI-8
“HIP”

KA-50 “HOKUM”

GAZELLE (FR)

BO-105 (GE)

MANGUSTA

ALOUETTE (FR)

MI-2 “HOPLITE”

MI-6 “HOOK”

MI-28 “HAVOC”

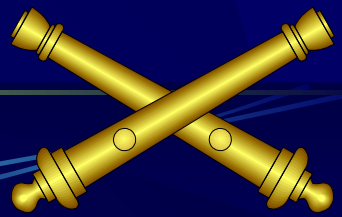
EQUIPMENT
AIRCRAFT

- MIG-21 “FISHBED”
- MIG-23 “FLOGGER”
- MIG-29 “FULCRUM”
- SU-17 “FITTER”
- SU-25 “FROGFOOT”
- MIRAGE F-1 (FR)

CONVENTIONAL THREAT ORGANIZATION

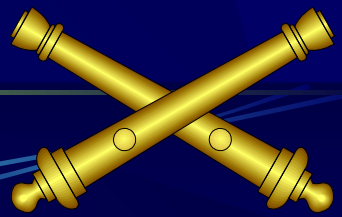
QUESTIONS?

- How many Motorized Rifle Regiments are in a Motorized Rifle Division?
- What unit is found in a BTR-equipped Motorized Rifle Battalion (MRB) that is not found in a BMP-equipped MRB?

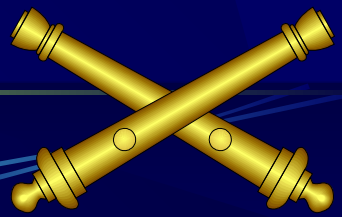


SUMMARY

- NEW REALITY
- THREAT CATEGORIES
- THREAT CONVENTIONAL ORGANIZATION



QUESTIONS ?



CONCLUSION

If you know the enemy and know yourself, you need not fear the results of a hundred battles. If you know yourself, but not the enemy, for every victory gained you will suffer a defeat. If you know neither the enemy nor yourself you will succumb in every battle.

--Sun Tzu, The Art Of War